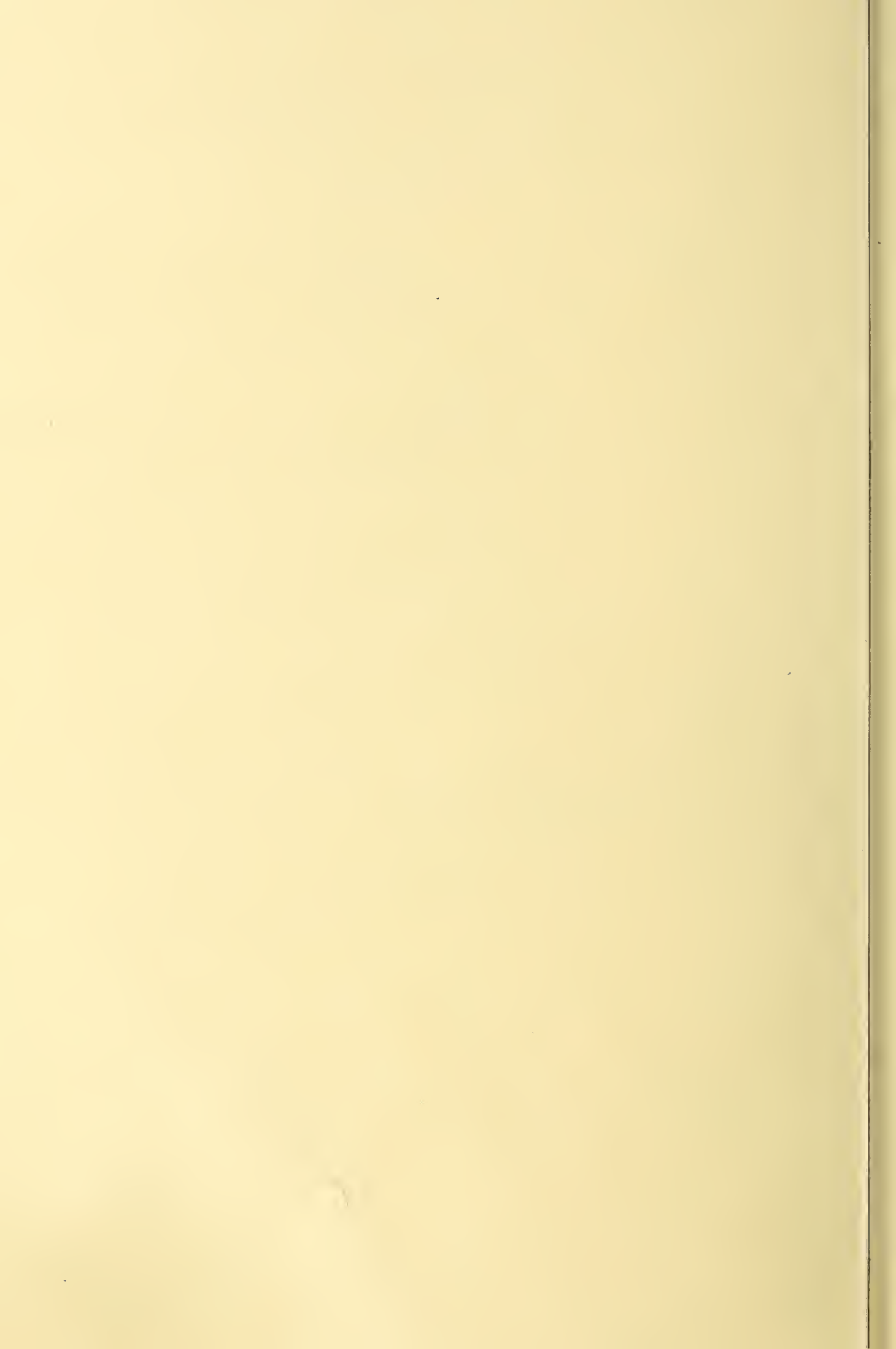


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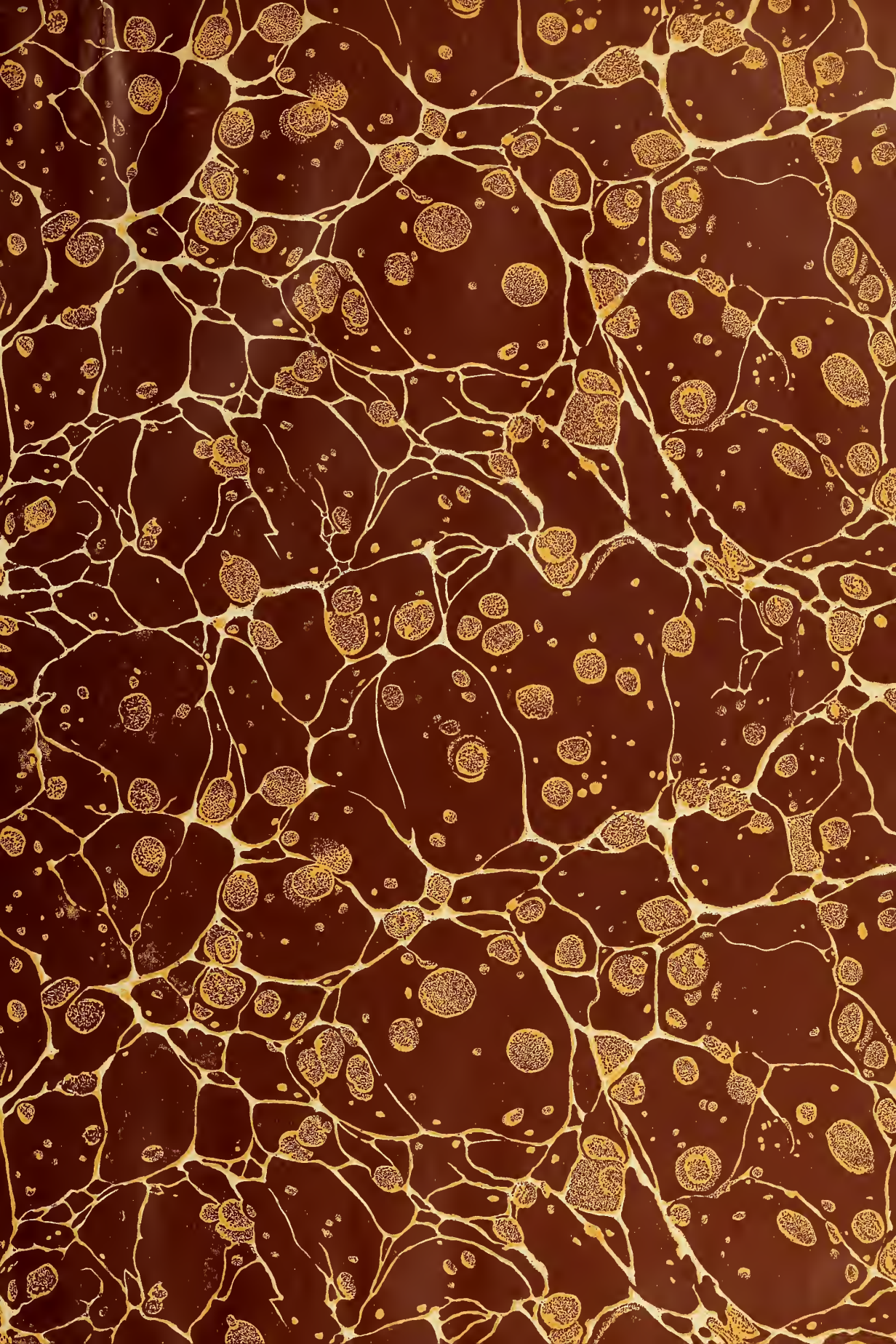
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ESTIMATES OF APPROPRIATIONS

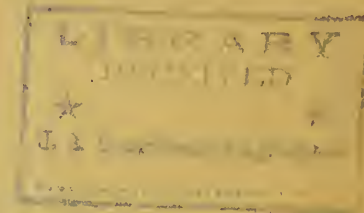
— FOR THE —

DEPARTMENT OF AGRICULTURE

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REQUIRED FOR THE SERVICE OF THE
FISCAL YEAR ENDING JUNE 30

1917



PREPARED FOR THE USE OF THE COMMITTEE ON AGRICULTURE,
HOUSE OF REPRESENTATIVES

NOTE.—Matter or items which appeared in the last appropriation act, and proposed to be omitted from these estimates, is inclosed in heavy brackets, thus [].
New or substituted matter appearing in miscellaneous appropriations is printed in italics.

INDEX

	Page.
Office of the Secretary.....	6
Weather Bureau.....	18
Bureau of Animal Industry.....	35
Bureau of Plant Industry.....	55
Forest Service.....	88
Bureau of Chemistry.....	115
Bureau of Soils.....	127
Bureau of Entomology.....	133
Bureau of Biological Survey.....	146
Division of Accounts and Disbursements.....	157
Division of Publications.....	158
Bureau of Crop Estimates.....	162
Library.....	164
Miscellaneous expenses, Department of Agriculture.....	167
Rent in the District of Columbia.....	168
States Relations Service.....	168
Office of Public Roads and Rural Engineering.....	180
Office of Markets and Rural Organization.....	192
Federal Horticultural Board.....	206
Enforcement of the Insecticide Act.....	203
Miscellaneous appropriations.....	209
Permanent annual appropriations.....	224
Printing and binding (Sundry Civil Act).....	228

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ESTIMATES OF APPROPRIATIONS

—FOR THE—

DEPARTMENT OF AGRICULTURE

REQUIRED FOR THE SERVICE OF THE
FISCAL YEAR ENDING JUNE 30

1917

PREPARED FOR THE USE OF THE COMMITTEE ON AGRICULTURE,
HOUSE OF REPRESENTATIVES

NOTE.—Matter or items which appeared in the last appropriation act, and proposed to be omitted from these estimates, is inclosed in heavy brackets, thus **[]**.

New or substituted matter appearing in miscellaneous appropriations is printed in italics.



UNITED STATES DEPARTMENT OF AGRICULTURE.
COMPARISON OF ESTIMATES OF APPROPRIATIONS FOR 1917 WITH APPROPRIATIONS MADE
FOR 1916.

Titles of appropriations.	Total of appropriations for 1916.	Total of estimates for 1917.	Increase.	Decrease.
OFFICE OF THE SECRETARY.				
Statutory salaries, Secretary's Office	\$352,040.00	\$402,600.00	\$50,560.00	
Statutory salaries, Office of Farm Management	36,080.00	60,850.00	24,770.00	
General expenses, Office of Farm Management	235,000.00	235,000.00		
A net increase of \$75,330.	623,120.00	698,450.00		
WEATHER BUREAU.				
Statutory salaries	332,900.00	341,210.00	8,310.00	
General expenses	1,333,150.00	1,457,400.00	124,250.00	
A net increase of \$132,560.	1,666,050.00	1,798,610.00		
BUREAU OF ANIMAL INDUSTRY.				
Statutory salaries	353,830.00	398,470.00	44,640.00	
General expenses	1,856,706.00	2,072,776.00	216,070.00	
Meat inspection	375,000.00	344,500.00		\$30,500.00
A net increase of \$230,210.	2,585,536.00	2,815,746.00		
BUREAU OF PLANT INDUSTRY.				
Statutory salaries	424,150.00	418,240.00		5,910.00
General expenses	1,462,460.00	1,571,990.00	109,530.00	
Purchase and distribution of seeds	252,540.00	252,540.00		
A net increase of \$103,620.	2,139,150.00	2,242,770.00		
FOREST SERVICE.				
Statutory salaries	2,335,580.00	2,361,120.00	25,540.00	
General expenses	3,217,676.00	3,188,616.00		29,060.00
A net decrease of \$3,520.	5,553,256.00	5,549,736.00		
BUREAU OF CHEMISTRY.				
Statutory salaries	291,540.00	315,590.00	24,050.00	
General expenses	139,680.00	832,211.00	692,531.00	
Food and Drugs Act	635,161.00			635,161.00
A net increase of \$81,420.	1,066,381.00	1,147,801.00		
BUREAU OF SOILS.				
Statutory salaries	62,420.00	70,000.00	7,580.00	
General expenses	265,515.00	288,735.00	23,220.00	
A net increase of \$30,800.	327,935.00	358,735.00		
BUREAU OF ENTOMOLOGY.				
Statutory salaries	69,530.00	99,180.00	29,650.00	
General expenses	450,370.00	446,150.00		4,220.00
Preventing spread of moths	310,000.00	305,050.00		4,950.00
A net increase of \$20,480.	829,900.00	850,380.00		
BUREAU OF BIOLOGICAL SURVEY.				
Statutory salaries	34,470.00	44,030.00	9,560.00	
General expenses	411,820.00	449,880.00	38,060.00	
A net increase of \$47,620.	446,290.00	493,910.00		
DIVISION OF ACCOUNTS AND DISBURSEMENTS.				
Statutory salaries	44,920.00	44,920.00		
No change.				

Comparison of estimates of appropriations for 1917 with appropriations made for 1916—Continued.

Titles of appropriations.	Total of appropriations for 1916.	Total of estimates for 1917.	Increase.	Decrease.
DIVISION OF PUBLICATIONS.				
Statutory salaries.....	\$174,750.00	\$175,830.00	\$1,080.00	
General expenses.....	18,750.00	20,250.00	1,500.00	
A net increase of \$2,580.	193,500.00	196,080.00		
BUREAU OF CROP ESTIMATES.				
Statutory salaries.....	116,780.00	122,880.00	6,100.00	
General expenses.....	166,700.00	193,556.00	26,856.00	
A net increase of \$32,956.	283,480.00	316,436.00		
LIBRARY.				
Statutory salaries.....	29,720.00	31,520.00	1,800.00	
General expenses.....	16,300.00	18,000.00	1,700.00	
A net increase of \$3,500.	46,020.00	49,520.00		
Miscellaneous expenses, Department of Agriculture.....	115,000.00	115,000.00		
No change.				
Rent in the District of Columbia.....	123,689.00	123,689.00		
No change.				
STATES RELATIONS SERVICE.				
Statutory salaries.....	103,140.00	127,700.00	24,560.00	
General expenses.....	2,718,700.00	2,754,140.00	35,440.00	
A net increase of \$60,000.	2,821,840.00	2,881,840.00		
OFFICE OF PUBLIC ROADS AND RURAL ENGINEERING.				
Statutory salaries.....	75,960.00	88,880.00	12,920.00	
General expenses.....	510,505.00	523,625.00	13,120.00	
A net increase of \$26,040.	586,465.00	612,505.00		
OFFICE OF MARKETS AND RURAL ORGANIZATION.				
Statutory salaries.....	56,400.00	134,980.00	78,580.00	
General expenses.....	352,650.00	579,471.00	226,821.00	
United States cotton-futures act.....	75,000.00	120,750.00	45,750.00	
A net increase of \$351,151.	484,050.00	835,201.00		
ENFORCEMENT OF THE INSECTICIDE ACT.				
Statutory salaries.....		24,590.00	24,590.00	
General expenses.....		85,670.00	85,670.00	
Apparent increase of \$110,260; actual increase, \$10,260.		110,260.00		
FEDERAL HORTICULTURAL BOARD.				
Statutory salaries.....		13,640.00	13,640.00	
General expenses.....		61,360.00	61,360.00	
Apparent increase of \$75,000; actual increase, \$25,000.		75,000.00		
MISCELLANEOUS.				
Enforcement of the insecticide act.....	100,000.00			\$100,000.00
Enforcement of the plant quarantine act.....	50,000.00			50,000.00
Exchange of lands, State of Washington.....	50,000.00			50,000.00
Domestic potato quarantine.....	100,000.00			100,000.00
Demonstrations on reclamation projects.....	40,000.00	40,000.00		
International Dry Farming Congress, Denver, Colo.....	20,000.00			20,000.00
Cooperative fire protection of forested watersheds of navigable streams.....	100,000.00	100,000.00		
Experiments and demonstrations in live-stock production in the cane-sugar and cotton districts of the United States.....	60,000.00	60,000.00		
Naval stores investigations.....	5,000.00	5,000.00		
Eradication of foot-and-mouth and other contagious diseases of animals.....	2,500,000.00	2,500,000.00		
Lands for dry-farming station, Oklahoma.....	200.00			200.00
Commission on rural credits.....	10,000.00			10,000.00

Comparison of estimates of appropriations for 1917 with appropriations made for 1916—Continued.

Titles of appropriations.	Total of appropriations for 1916.	Total of estimates for 1917.	Increase.	Decrease.
MISCELLANEOUS—continued.				
Maps, charts, and reports to trace shifting of agricultural industries		\$15, 000. 00	\$15, 000. 00	.....
Experiments in dairying and live-stock production in semi-arid and irrigated districts of the western United States.....		87, 500. 00	87, 500. 00	.....
State cooperation in marketing work.....		35, 000. 00	35, 000. 00	.....
	\$3, 035, 200. 00	2, 842, 500. 00		
Total agricultural bill.....	22, 971, 782. 00	24, 159, 089. 00	2, 227, 308. 00	\$1,040,001.00
Net increase in agricultural bill, \$1,187,307; about 5 per cent.				
Permanent annual appropriations.....	5, 094, 400. 00	5, 604, 000. 00	509, 600. 00	.....
Printing and binding (Sundry Civil Act).....	500, 000. 00	500, 000. 00		.....
Total of all appropriations for the Department of Agriculture.....	28, 566, 182. 00	30, 263, 089. 00	2, 736, 908. 00	1, 040, 001. 00

ESTIMATES OF APPROPRIATIONS REQUIRED FOR THE SERVICE OF THE FISCAL YEAR ENDING JUNE 30, 1917.

General object (title of appropriation), date of acts, references to Statutes at Large or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
DEPARTMENT OF AGRICULTURE.		
<p>NOTE.—In the following estimates for the Department of Agriculture new matter appearing in miscellaneous appropriations has been indicated by means of <i>italics</i>, and matter to be dropped has been inclosed in heavy brackets, thus [].</p>		
OFFICE OF THE SECRETARY.		
<i>Salaries, Office of the Secretary of Agriculture—</i>		
(1) Secretary of Agriculture (<i>acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; Mar. 4, 1915, vol. 38, pp. 1083, 1087, sec. 1</i>)	\$12,000.00	
(2) Assistant Secretary of Agriculture (<i>same acts</i>)	5,000.00	
(3) Solicitor (<i>same acts</i>)	5,000.00	
(4) Chief clerk, \$3,000, and \$500 additional as custodian of buildings (<i>same acts</i>)	3,500.00	
(5) Private secretary to the Secretary of Agriculture (<i>same acts</i>)	2,500.00	
(6) Executive clerk (by transfer from statutory roll, Bureau of Plant Industry) (<i>same acts</i>)	2,250.00	
(7) Executive clerk (by transfer of 1 executive clerk, at \$1,980 from statutory roll, Bureau of Plant Industry, with increase of \$120) (<i>same acts</i>)	2,100.00	
<p>NOTE.—This employee has been detailed to the Secretary's office for the past two years. He performs responsible duties in connection with the administrative work of that office, has been in the department a long time, and deserves this small promotion.</p>		
(8) Stenographer and executive clerk to the Secretary of Agriculture (<i>same acts</i>)	2,250.00	
(9) Private secretary to the Assistant Secretary of Agriculture (by transfer from extra-labor roll, Secretary's office) (<i>same acts</i>)	2,250.00	
<p>NOTE.—This involves the transfer of an employee from the lump fund of the Secretary's office, but the latter fund is not correspondingly reduced, as it is small and the entire amount will be needed next year for temporary emergency employments.</p>		
(10) One appointment clerk (<i>same acts</i>)	2,000.00	
(11) One assistant in charge of information (by transfer from lump funds of Chemistry, Animal Industry, Plant Industry, and Weather Bureau) (<i>same acts</i>)	3,000.00	
(12) One officer in charge of supplies (in lieu of 1 chief, supply division, \$2,000) (<i>same acts</i>)	2,000.00	
<p>NOTE.—The office of the Secretary is not organized into divisions. Hence the proposed change in designation is regarded as more appropriate for this position.</p>		
<p>[One chief, supply division, \$2,000, changed to 1 officer in charge of supplies, \$2,000, as above.]</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Office of the Secretary of Agriculture—Continued.</i>		
(13) One assistant (by transfer from lump fund for food and drugs, Bureau of Chemistry) (<i>acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; Mar. 4, 1915, vol. 38, pp. 1086, 1087, sec. 1</i>) -----	\$2, 000. 00	
(14) One inspector (<i>same acts</i>) -----	2, 750. 00	
(15) One inspector (by transfer from lump fund for administrative expenses, Bureau of Animal Industry) (<i>same acts</i>) -----	2, 250. 00	
(16) One law clerk (<i>same acts</i>) -----	3, 250. 00	
(17) One law clerk (<i>same acts</i>) -----	3, 000. 00	
(18) One law clerk (by transfer from lump fund for cotton-futures act, Office of Markets) (<i>same acts</i>) -----	2, 750. 00	
(19) Three law clerks, at \$2,500 each (<i>same acts</i>) -----	7, 500. 00	
(20) Nine law clerks, at \$2,250 each (<i>same acts</i>) -----	20, 250. 00	
(21) One law clerk (<i>same acts</i>) -----	2, 200. 00	
(22) Six law clerks, at \$2,000 each (<i>same acts</i>) -----	12, 000. 00	
(23) Three law clerks, at \$1,800 each (<i>same acts</i>) -----	5, 400. 00	
(24) Three law clerks, at \$1,600 each (<i>same acts</i>) -----	4, 800. 00	
(25) One expert on exhibits (<i>same acts</i>) -----	3, 000. 00	
(26) One telegraph and telephone operator (<i>same acts</i>) -----	1, 600. 00	
(27) One assistant chief clerk, and captain of the watch (<i>same acts</i>) ---	1, 800. 00	
(28) Four clerks, class 4 (increase of 1 in lieu of 1 clerk of class 3, with increase of \$200) (<i>same acts</i>) -----	7, 200. 00	
<p>NOTE.—The increase of \$200 recommended above is for the purpose of promoting a very efficient employee, whose functions have been changed and whose responsibilities have been added to during the past fiscal year. He is now performing duties in the Solicitor's office which correspond in all respects to those performed by chief clerks in other bureaus and offices of the department whose salaries are considerably higher, and the small increase in compensation is well deserved.</p>		
(29) Twelve clerks, class 3 (increase of 2 by transfer from lump fund for administrative expenses, Bureau of Animal Industry, 1 by transfer from lump fund for meat inspection, Bureau of Animal Industry, and decrease of 1 by change to 1 clerk, class 4, making a net increase of 2) (<i>same acts</i>) -----	19, 200. 00	
(30) Nineteen clerks, class 2 (increase of 6, 1 by transfer from statutory roll, Office of Public Roads, 1 by transfer from lump fund for farm management, 1 in lieu of 1 construction inspector, at \$1,400, and 3 new places) (<i>same acts</i>) -----	26, 600. 00	
<p>NOTE.—The three new places asked for above are needed in connection with the administrative work of the offices of the Secretary and the Assistant Secretary, which has greatly increased with the growth of the department. In order to keep up this work it has been necessary to temporarily detail clerks from a number of bureaus and offices where the demand for their continuous services is equally great.</p> <p>The change in designation in one case from construction inspector at \$1,400 to clerk of class 2 is recommended so that the title of the employee will conform to the duties performed by him.</p>		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Office of the Secretary of Agriculture—Continued.</i>		
(31) Twenty-three clerks, class 1 (increase of 2 by transfer from lump fund for general administration, Forest Service, and extra labor roll, Secretary's office) ((<i>acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; Mar. 4, 1915, vol. 38, pp. 1086, 1087, sec. 1</i>) -----	\$27,600.00	
NOTE.—This involves the transfer of one employee from the lump fund of the Secretary's office, which fund has not been correspondingly reduced, because it is small and the entire amount will be needed next year for temporary emergency employments.		
(32) One auditor (<i>same acts</i>) -----	2,000.00	
(33) One accountant and bookkeeper (<i>same acts</i>) -----	2,000.00	
(34) One clerk (by transfer from statutory roll, Office of Public Roads) (<i>same acts</i>) -----	1,440.00	
(35) One clerk (by transfer from statutory roll, Bureau of Chemistry) (<i>same acts</i>) -----	1,020.00	
(36) Seven clerks, at \$1,000 each (increase of 1 by transfer from lump fund for meat inspection, Bureau of Animal Industry, and decrease of 1 by transfer to statutory roll of Office of Farm Management, making no change in number of places) (<i>same acts</i>) --	7,000.00	
(37) Twelve clerks, at \$900 each (increase of 4, 1 by transfer from lump fund for administrative expenses, Bureau of Animal Industry; 1 from statutory roll, Bureau of Chemistry; 1 from statutory roll, Forest Service; 1 from lump fund for road building and maintenance, Office of Public Roads; and 1 from lump fund for cotton-futures act, Office of Markets; and decrease of 1 by transfer to statutory roll, Library, making a net increase of 4) (<i>same acts</i>) -----	10,800.00	
(38) One clerk (<i>same acts</i>) -----	840.00	
(39) Fifteen messengers or laborers, at \$840 each (<i>same acts</i>) -----	12,600.00	
(40) Twelve assistant messengers or laborers, at \$720 each (increase of 1 by transfer of 1 unskilled laborer, at \$720, from lump fund for general administration, Forest Service, with change of title) (<i>same acts</i>) -----	8,640.00	
NOTE.—This change in designation is recommended in order to have the title of this employee conform more closely to the character of the work performed.		
(41) One messenger or laborer (by transfer of 1 unskilled laborer, at \$660, from lump fund for food and drugs, Bureau of Chemistry, with change of title) (<i>same acts</i>) -----	660.00	
NOTE.—This change in designation is recommended in order to have the title of this employee conform more closely to the character of the work performed.		
(42) One mechanical superintendent (by transfer from extra labor roll, Secretary's office) (<i>same acts</i>) -----	3,000.00	
NOTE.—This involves the transfer of an employee from the lump fund of the Secretary's office without corresponding reduction in the latter fund, as it is small and the entire amount will be needed next year for temporary emergency employments.		

[One chief engineer, \$2,000, omitted.]

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Office of the Secretary of Agriculture—Continued.</i>		
(43) One assistant chief engineer (<i>acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; Mar. 4, 1915, vol. 38, pp. 1086, 1087, sec. 1</i>)—	\$1,400.00	
(44) One assistant engineer (<i>same acts</i>)—	1,200.00	
(45) Two assistant engineers, at \$1,000 each (<i>same acts</i>)—	2,000.00	
(46) Eight firemen, at \$720 each (<i>same acts</i>)—	5,760.00	
(47) Eleven elevator conductors, at \$720 each (increase of 1 by transfer of 1 messenger or laborer, at \$720, from statutory roll, Bureau of Plant Industry, with change of title) (<i>same acts</i>)—	7,920.00	
NOTE.—This change in designation is recommended in order to have the title of this employee conform more closely to the character of the work performed.		
(48) Three elevator conductors, at \$600 each (1 by transfer from lump fund for enforcement of cotton-futures act, Office of Markets; 1 by transfer from lump fund for road material, Office of Public Roads; and 1 by transfer of 1 unskilled laborer, at \$600, from lump fund for farm irrigation, Office of Public Roads, with change of title) (<i>same acts</i>)—	1,800.00	
NOTE.—This change in designation is recommended in order to have the title of this employee conform more closely to the character of the work performed.		
【One construction inspector, \$1,400, changed to 1 clerk of class 2, as above.】		
(49) One superintendent of shops (<i>same acts</i>)—	1,400.00	
(50) One cabinet-shop foreman (<i>same acts</i>)—	1,200.00	
(51) Four cabinetmakers or carpenters, at \$1,200 each (<i>same acts</i>)—	4,800.00	
(52) Three cabinetmakers or carpenters, at \$1,100 each (increase of 1 by transfer from statutory roll, Bureau of Animal Industry) (<i>same acts</i>)—	3,300.00	
(53) Nine cabinetmakers or carpenters, at \$1,020 each (<i>same acts</i>)—	9,180.00	
(54) Three cabinetmakers or carpenters, at \$900 each (<i>same acts</i>)—	2,700.00	
(55) One electrician (<i>same acts</i>)—	1,100.00	
(56) One electrical wireman (<i>same acts</i>)—	1,000.00	
(57) One electrical wireman (<i>same acts</i>)—	900.00	
(58) Three electrician's helpers, at \$720 each (<i>same acts</i>)—	2,160.00	
(59) One painter (decrease of 1 submitted) (<i>same acts</i>)—	1,000.00	
(60) Five painters, at \$900 each (increase of 1 by transfer from extra labor roll, Secretary's office) (<i>same acts</i>)—	4,500.00	
NOTE.—This involves a transfer from the lump fund of the Secretary's office without a corresponding reduction in the latter fund, which is small, and the entire amount will be needed next year for temporary emergency employments.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Office of the Secretary of Agriculture—Continued.</i>		
(61) Five plumbers or steam fitters, at \$1,020 each (<i>acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; Mar. 4, 1915, vol. 38, pp. 1086, 1087, sec. 1</i>) ..	\$5, 100. 00	
(62) One plumber's helper (<i>same acts</i>)	840. 00	
(63) Two plumber's helpers, at \$720 each (<i>same acts</i>)	1, 440. 00	
(64) One blacksmith (<i>same acts</i>)	900. 00	
(65) One tinner's helper (by transfer from lump fund for general administration, Forest Service) (<i>same acts</i>)	720. 00	
(66) One lieutenant of the watch (<i>same acts</i>)	1, 000. 00	
(67) Two lieutenants of the watch, at \$960 each (<i>same acts</i>)	1, 920. 00	
(68) Fifty watchmen, at \$720 each (increase of 6, 1 by transfer from lump fund for administrative expenses, Bureau of Plant Industry, 1 from lump fund for farm drainage, Office of Public Roads, 1 from extra labor roll, Secretary's office, and 3 new places) (<i>same acts</i>)	36, 000. 00	
NOTE.—These three additional watchmen are needed to insure the proper care of the department buildings and property. The department occupies twenty-five separate buildings, and the present watch force is not sufficiently large for their adequate safeguarding during the day; while at night one watchman frequently has to take care of two buildings.		
This item also involves the transfer of one watchman from the lump fund of the Secretary's office but the latter fund has not been correspondingly reduced, as it is small and the entire amount will be needed next year for temporary emergency employments.		
(69) Four mechanics, at \$1,200 each (decrease of 1 by transfer to statutory roll, Office of Public Roads) (<i>same acts</i>)	4, 800. 00	
(70) One skilled laborer (by transfer from extra labor roll, Secretary's office) (<i>same acts</i>)	1, 000. 00	
NOTE.—This involves the transfer of an employee from the lump fund of the Secretary's office without corresponding reduction in the latter fund, which is small, and the entire amount will be needed next year for temporary emergency employments.		
(71) Two skilled laborers, at \$960 each (<i>same acts</i>)	1, 920. 00	
(72) Two skilled laborers, at \$840 each (1 by transfer from statutory roll, Division of Publications, and 1 by transfer of 1 laboratory helper at \$840 from statutory roll, Bureau of Animal Industry, with change of title) (<i>same acts</i>)	1, 680. 00	
NOTE.—This change in designation is recommended in order to have the title of this employee conform more closely to the character of the work performed.		
(73) One skilled laborer (by transfer from statutory roll, Division of Publications) (<i>same acts</i>)	720. 00	
(74) One janitor (<i>same acts</i>)	900. 00	
(75) Twenty-two assistant messengers, messenger boys, or laborers, at \$600 each (<i>same acts</i>)	13, 200. 00	
(76) One carriage driver (<i>same acts</i>)	600. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Office of the Secretary of Agriculture—Continued.</i>		
(77) Twenty-one laborers or messenger boys, at \$480 each (<i>acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; Mar. 4, 1915, vol. 38, pp. 1086, 1087, sec. 1</i>)-----	\$10,080.00	
(78) One messenger or messenger boy (by transfer from statutory roll, Forest Service) (<i>same acts</i>)-----	360.00	
(79) One charwoman (<i>same acts</i>)-----	540.00	
(80) Two charwomen, at \$480 each (<i>same acts</i>)-----	960.00	
(81) Fifteen charwomen, at \$240 each (<i>same acts</i>)-----	3,600.00	
(82) For extra labor and emergency employments (<i>same acts</i>)-----	12,000.00	
	\$402,600.00	\$352,040.00
NOTE.—Apparent increase, \$50,560; actual increase, \$15,750, as follows:		
<i>New places.</i>		
3 clerks, class 2.....	\$4,200	
3 watchmen, at \$720 each.....	2,160	
	----- \$6,360	
<i>Promotions.</i>		
Executive clerk, \$1,980 to \$2,100.....	\$120	
1 clerk, class 3, to 1 clerk, class 4.....	200	
	----- 320	
<i>Transfers from lump fund for extra labor of Secretary's office, which fund has not been correspondingly reduced.</i>		
1 mechanical superintendent.....	\$3,000	
Private secretary to the Assistant Secretary of Agriculture.....	2,250	
1 clerk, class 1.....	1,200	
1 painter.....	900	
1 skilled laborer.....	1,000	
1 watchman.....	720	
	----- 9,070	
Actual increase.....	15,750	
<i>Transfers from funds of other bureaus, which funds have been correspondingly reduced.</i>		
Executive clerk, from statutory roll, Bureau of Plant Industry..	\$2,250	
Executive clerk, from statutory roll, Bureau of Plant Industry..	1,980	
1 assistant in charge of information, from food and drugs of Chemistry, administrative of Animal Industry, administrative of Plant Industry, and central office expenses of Weather Bureau, \$750 from each.....	3,000	
1 assistant, from food and drugs, Bureau of Chemistry.....	2,000	
1 inspector, from administrative expenses, Bureau of Animal Industry.....	2,250	
1 law clerk, from cotton-futures act, Office of Markets.....	2,750	
2 clerks, class 3, from administrative expenses, Bureau of Animal Industry.....	3,200	
1 clerk, class 3, from meat inspection, Bureau of Animal Industry.....	1,600	
1 clerk, class 2, from statutory roll, Office of Public Roads.....	1,400	
1 clerk, class 2, from lump fund for farm management.....	1,400	
1 clerk, class 1, from general administration, Forest Service....	1,200	
1 clerk, from statutory roll, Office of Public Roads.....	1,440	
1 clerk, from statutory roll, Bureau of Chemistry.....	1,020	
1 clerk, from meat inspection, Bureau of Animal Industry.....	1,000	
1 clerk, from administrative expenses, Bureau of Animal Industry.....	900	
1 clerk, from statutory roll, Bureau of Chemistry.....	900	
1 clerk, from statutory roll, Forest Service.....	900	
1 clerk, from road building and maintenance, Office of Public Roads.....	900	
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Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Office of the Secretary of Agriculture—Continued.</i>		
1 clerk, from cotton-futures act, Office of Markets..... \$900 1 assistant messenger or laborer, from general administration, Forest Service..... 720 1 messenger or laborer, from food and drugs, Bureau of Chem- istry..... 660 1 elevator conductor, from statutory roll, Bureau of Plant Industry..... 720 1 elevator conductor, from cotton-futures act, Office of Markets.. 600 1 elevator conductor, from road material, Office of Public Roads.. 600 1 elevator conductor, from farm irrigation, Office of Public Roads, with change of title from unskilled laborer, \$600..... 600 1 cabinetmaker or carpenter, from statutory roll, Bureau of Animal Industry..... 1,100 1 tinner's helper, from general administration, Forest Service.. 720 1 watchman, from administrative expenses, Bureau of Plant Industry..... 720 1 watchman, from farm drainage, Office of Public Roads..... 720 1 skilled laborer, from statutory roll, Bureau of Animal Industry.. 840 1 skilled laborer, from statutory roll, Division of Publications.. 840 1 skilled laborer, from statutory roll, Division of Publications.. 720 1 messenger or messenger boy, from statutory roll, Forest Service..... 360	\$40,910 \$56,660	
<i>Transfers to rolls of other bureaus, and the Secretary's roll correspondingly reduced.</i>		
1 clerk, to statutory roll, Office of Farm Management..... \$1,000 1 clerk, to statutory roll, Library..... 900 1 mechanic, to statutory roll, Office of Public Roads..... 1,200	3,100	
<i>Places dropped.</i>		
1 chief engineer..... \$2,000 1 painter..... 1,000	3,000 6,100	
Apparent increase.....	50,560	
<i>Change of title.</i>		
1 officer in charge of supplies, \$2,000, in lieu of 1 chief, supply division, \$2,000. 1 clerk, class 2, in lieu of 1 construction inspector, at \$1,400. 1 assistant messenger or laborer, at \$720, in lieu of 1 unskilled laborer, at \$720, from lump fund of Forest Service. 1 messenger or laborer, at \$660, in lieu of 1 unskilled laborer, at \$660, from lump fund of Bureau of Chemistry. 1 elevator conductor, at \$720, in lieu of 1 messenger or laborer, at \$720, from statutory roll of Bureau of Plant Industry. 1 elevator conductor, at \$600, in lieu of 1 unskilled laborer, at \$600, from lump fund of Office of Public Roads. 1 skilled laborer, at \$840, in lieu of 1 laboratory helper, at \$840, from statutory roll of Bureau of Animal Industry.		
<i>Transfers to statutory roll of Division of Publications from lump fund for Secretary's office, which fund has not been correspondingly reduced.</i>		
2 laborers, at \$600 each.		
NOTE.—The salaries of these two laborers, amounting to \$1,200, have not been deducted from the fund named above as it is small and the full amount of the fund will be needed next year for temporary emergency employments for the Secretary's office.		
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Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Office of the Secretary of Agriculture—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>			
For extra labor and emergency employments, 1917, \$12,000.	For extra labor and emergency employments, 1915, \$14,000.		
Temporary clerical assistance to meet emergencies by illness or absence of regular employees.....	\$2,000.00	Motion-picture photographer.....	\$1,600.00
Watchmen, at \$2 per diem, when actually employed, for temporary service during illness or absence of regular force.....	4,000.00	Motion-picture photographer.....	1,400.00
Electricians, electrician's helpers, plumbers, plumber's helpers, and mechanics for temporary service in cases of emergency caused by breakdown in the steam or electrical equipment of the department, or for additional installation which can not be delayed, the salaries ranging from \$3.50 to \$4.50 per diem.....	3,000.00	Chief folder, \$100 per month (temporary)....	\$50.00
Temporary skilled and unskilled labor to meet emergencies caused by illness or absence of the regular force, and to assist mechanics in urgent installation work, at salaries ranging from \$1.50 to \$3.50 per diem.....	3,000.00	Skilled laborers, at \$25 per month (temporary).....	210.83
		Private secretary to Assistant Secretary of Agriculture, \$2,250.....	1,218.75
		Superintendent of shops, \$1,400 (temporary).....	991.66
		Carriage driver, \$50 per month (temporary).....	425.00
		Painters, at \$3.50 per diem each (temporary).....	168.00
		Steamfitter's helpers, at \$2 per diem each (temporary).....	60.00
		Skilled laborers, at \$2 per diem each (temporary).....	477.00
		Skilled laborers, at \$1.50 per diem each (temporary).....	51.00
		Skilled laborer, 80 cents per diem (temporary).....	83.20
		Skilled laborer, \$720 (temporary).....	120.00
		Clerk, \$840 (temporary).....	35.00
		Clerk-typewriter, \$60 per month (temporary).....	46.00
		Painter, \$900 (temporary).....	262.50
		Typewriter-operator, \$840 (temporary).....	23.33
		Watchmen, \$720 (temporary).....	264.00
		Charwoman, \$240 (temporary).....	5.33
		Steamfitter, \$4 per diem (temporary).....	120.00
		Fireman, \$60 per month (temporary).....	50.00
		Steamfitter's helper, \$2 per diem (temporary).....	18.00
		Cabinetmaker, \$1,020 (temporary).....	212.50
		Electrical wireman, \$900 (temporary).....	75.00
		Messenger boy, \$360 (temporary).....	15.00
		Painter, \$840 (temporary).....	175.00
		Electrician's helper, \$720 (temporary).....	150.00
		Relief telephone operator, \$25 per month (temporary).....	29.16
		Watchmen, at \$2 per diem when actually employed.....	4,708.00
Total estimate, 1917.....	12,000.00	Total expenditures, 1915.....	13,874.26
Total appropriation, 1916.....	12,000.00		
NOTE.—No change in above amount, but as 1 mechanical superintendent at \$3,000; private secretary to Assistant Secretary of Agriculture at \$2,250; 1 clerk, class 1; 1 painter at \$900; 1 skilled laborer at \$1,000, and 1 watchman at \$720 have been transferred to the statutory roll of Secretary's Office, and 2 laborers at \$600 each to the statutory roll of Division of Publications, there is an actual increase of \$10,270.			

Salaries, Office of Farm Management—

(83) One chief of office (by transfer from lump fund for farm management) (<i>act Mar. 4, 1915, vol. 38, p. 1087, sec. 1</i>).....	\$4,000.00
(84) One executive assistant (by transfer from lump fund for farm management) (<i>same act</i>).....	2,250.00
(85) Two clerks, class 3 (<i>same act</i>).....	3,200.00
(86) Two clerks, class 2 (increase of 1 by transfer of 1 computer, at \$1,400, from lump fund for farm management, with change of title) (<i>same act</i>).....	2,800.00
NOTE.—This change in designation is recommended in order to have the title of this employee conform more closely to the character of the work performed.	
(87) Six clerks, class 1 (<i>same act</i>).....	7,200.00
(88) Two clerks, at \$1,100 each (by transfer from lump fund for farm management) (<i>same act</i>).....	2,200.00
(89) One clerk (by transfer from lump fund for farm management) (<i>same act</i>).....	1,080.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Office of Farm Management—Continued.</i>		
(90) One clerk or photographer (<i>act Mar. 4, 1915, vol. 38, p. 1087, sec. 1</i>) -	\$1, 020. 00	
(91) Eight clerks, at \$1,000 each (increase of 3, 2 by transfer from lump fund for farm management and 1 by transfer from statutory roll, Secretary's office) (<i>same act</i>) -	8, 000. 00	
(92) Ten clerks, at \$900 each (increase of 4, 3 by transfer from lump fund for farm management and 1 in lieu of 1 photographer or clerk, at \$900, omitted below) (<i>same act</i>) -	9, 000. 00	
NOTE.—This change in designation is recommended in order to have the title of this employee conform more closely to the character of the work performed.		
[Three clerks, at \$840 each, changed to 3 clerks or map tracers, at \$840 each, as below.]		
(93) Four clerks or map tracers, at \$840 each (3 in lieu of 3 clerks, at \$840 each, omitted above, and 1 by transfer from lump fund for farm management) (<i>same act</i>) -	3, 360. 00	
NOTE.—These changes in designation are recommended in order that the class of labor best suited to the needs of the office may be employed as vacancies occur.		
(94) Five clerks or map tracers, at \$720 each (increase of 1 in lieu of 1 map tracer, at \$720, omitted below) (<i>same act</i>) -	3, 600. 00	
NOTE.—This change in designation is recommended in order to have the title of this employee conform more closely to the character of the work performed.		
(95) One lantern-slide colorist (by transfer from lump fund for farm management) (<i>same act</i>) -	720. 00	
(96) One messenger or laborer (<i>same act</i>) -	720. 00	
(97) One messenger, messenger boy, or laborer (<i>same act</i>) -	660. 00	
(98) Three messengers, messenger boys, or laborers, at \$480 each (<i>same act</i>) -	1, 440. 00	
(99) One laborer (by transfer from lump fund for farm management) (<i>same act</i>) -	360. 00	
[One messenger boy, \$360, omitted.]		
[One messenger boy, \$300, omitted.]		
(100) Four chairwomen, at \$240 each (<i>same act</i>) -	960. 00	
(101) One library assistant (by transfer from lump fund for farm management) (<i>same act</i>) -	1, 440. 00	
(102) One photographer (<i>same act</i>) -	1, 400. 00	
(103) One photographer (by transfer from lump fund for farm management) (<i>same act</i>) -	1, 000. 00	
[One photographer or clerk, \$900, changed to 1 clerk at \$900, as above.]		
[One map tracer, \$720, changed to 1 clerk or map tracer at \$720, as above.]		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Office of Farm Management—Continued.</i>		
(104) One draftsman (<i>submitted</i>).....	\$1, 440. 00	
NOTE.—A competent draftsman is urgently needed to handle the map work connected with the agricultural atlas now in course of preparation.		
(105) One draftsman (by transfer from lump fund for farm management) (<i>act Mar. 4, 1915, vol. 38, p. 1087, sec. 1</i>).....	1, 200. 00	
(106) Two draftsmen, at \$900 each (by transfer from lump fund for farm management) (<i>same act</i>).....	1, 800. 00	
	\$60, 850. 00	\$36, 080. 00
NOTE.—Apparent increase, \$24,770; actual increase, \$780, as follows:		
<i>New place.</i>		
1 draftsman.....	\$1, 440	
<i>Places dropped.</i>		
1 messenger boy.....	\$360	
1 messenger boy.....	300	
	660	
Actual increase.....	780	
<i>Transfers from lump fund for farm management, which fund has been correspondingly reduced.</i>		
1 chief of office.....	\$4, 000	
1 executive assistant.....	2, 250	
1 computer, at \$1,400, with change of title to clerk, class 2.....	1, 400	
2 clerks, at \$1,100 each.....	2, 200	
1 clerk.....	1, 080	
2 clerks, at \$1,000 each.....	2, 000	
3 clerks, at \$900 each.....	2, 700	
1 clerk or map tracer.....	840	
1 lantern-slide colorist.....	720	
1 laborer.....	360	
1 library assistant.....	1, 440	
1 photographer.....	1, 000	
1 draftsman.....	1, 200	
2 draftsmen, at \$900 each.....	1, 800	
	22, 990	
<i>Transfer from statutory roll of Secretary's office, which roll has been correspondingly reduced.</i>		
1 clerk.....	1, 000	
	23, 990	
Apparent increase.....	24, 770	
<i>Change of title.</i>		
1 clerk at \$900 in lieu of 1 photographer or clerk at \$900.		
3 clerks or map tracers at \$840 each, in lieu of 3 clerks at \$840 each.		
1 clerk or map tracer at \$720, in lieu of 1 map tracer at \$720.		
1 clerk, class 2, in lieu of 1 computer at \$1,400, from lump fund.		
<i>General Expenses, Office of Farm Management—</i>		
(107) For the employment of persons in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and all other expenses necessary in carrying out the work herein authorized, as follows:		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Office of Farm Management—Continued.</i>		
(108) To investigate and encourage the adoption of improved methods of farm management and farm practice (<i>act Mar. 4, 1915, vol. 38, p. 1087, sec. 1</i>)	\$230,000.00	
<p>NOTE.—There is no apparent change in the above appropriation, but, taking into consideration the transfer of 19 employees to the statutory roll of this office, with salaries aggregating \$22,990, and the transfer of one clerk at \$1,400 to the statutory roll of the Secretary's office, the actual increase is \$24,390, which will be used as follows:</p> <p>(a) Administration: To provide for the services of an expert in practical farming who shall advise field men of the office and pass upon manuscripts submitted for publication with reference to their applicability to farm conditions; also to pay his travel expenses and provide for necessary office supplies and miscellaneous expenses, \$5,600.</p> <p>(b) Farm economics: Additional temporary assistants in the field work on live-stock economics are urgently needed to meet the pressing demands for solutions of specific problems relating to that industry. This will involve about \$5,900 for salaries, \$700 for travel, and \$1,500 for supplies and miscellaneous expenses; in all, \$8,100.</p> <p>(c) Farm organization: Many of the men in the Office of Farm Management were formerly performing both investigational and demonstrational work. Most of these men upon the reorganization of the department were transferred to the States Relations Service and assigned to purely demonstrational work. This left the Office of Farm Management with insufficient force properly to conduct the farm-management work in some of the most important agricultural districts of the United States. With the increase of \$10,690 asked for it will be possible to meet this situation by the appointment of temporary field assistants during the crop season. It is proposed to use \$8,900 of this amount for salaries and travel expenses and \$1,790 for supplies and miscellaneous purposes.</p>		
(109) For studying methods of clearing off "logged-off" lands with a view to their utilization for agricultural and dairying purposes; for their irrigation; for testing powders in clearing them; and for the utilization of by-products arising in the process of clearing; in cooperation with the States, companies, or individuals, or otherwise (<i>same act</i>)	5,000.00	
In all, for general expenses	\$235,000.00	\$235,000.00

Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.

Farm management, 1917, \$230,000.	Farm management, 1915, \$240,000, less \$1,225.84 by transfer to other lump funds of the Bureau of Plant Industry; net amount, \$238,774.16.
<p>Salaries..... \$163,555.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 assistant chief, \$3,000.</p> <p>3 agriculturists, at \$3,000 each.</p> <p>2 agriculturists, at \$2,760 each.</p> <p>1 agriculturist, \$2,520.</p> <p>3 agriculturists, at \$2,400 each.</p> <p>1 agriculturist, \$2,340.</p> <p>3 agriculturists, at \$2,280 each.</p> <p>3 agriculturists, at \$2,040 each.</p> <p>4 assistant agriculturists, at \$1,800 each.</p> <p>1 assistant agriculturist, \$1,740.</p> <p>2 assistant agriculturists, at \$1,620 each.</p> <p>1 assistant agriculturist, \$1,440.</p> <p>1 scientific assistant, \$1,800.</p> <p>1 scientific assistant, \$1,640.</p> <p>5 scientific assistants, at \$1,620 each.</p> <p>3 scientific assistants, at \$1,440 each.</p> <p>1 scientific assistant, \$1,200.</p> <p>2 assistants, at \$2,000 each.</p> <p>2 assistants, at \$1,800 each.</p> <p>6 assistants, at \$1,620 each.</p> <p>1 aid in horticulture, \$720.</p> <p>1 editor, \$2,250.</p> <p>1 cartographer in agricultural geography, \$1,800.</p> <p>1 statistical expert, \$2,000.</p> <p>7 temporary clerks, at \$75 per month each (6 months).</p> <p>4 temporary clerks, at \$75 per month each (5 months).</p> <p>12 temporary clerks, at \$75 per month each (4 months).</p>	<p>Salaries..... \$141,977.37</p> <p>As follows:</p> <p>In Washington—</p> <p>1 agriculturist, \$4,000.</p> <p>3 agriculturists, at \$3,000 each.</p> <p>3 agriculturists, at \$2,760 each.</p> <p>2 agriculturists, at \$2,520 each.</p> <p>2 agriculturists, at \$2,400 each.</p> <p>1 agriculturist, \$2,340.</p> <p>4 agriculturists, at \$2,280 each.</p> <p>2 agriculturists, at \$2,040 each.</p> <p>4 assistant agriculturists, at \$1,800 each.</p> <p>1 assistant agriculturist, \$1,740.</p> <p>1 assistant agriculturist, \$1,440.</p> <p>1 scientific assistant, \$1,640.</p> <p>5 scientific assistants, at \$1,620 each.</p> <p>1 scientific assistant, \$1,500.</p> <p>3 scientific assistants, at \$1,440 each.</p> <p>1 scientific assistant, \$1,200.</p> <p>1 scientific assistant, \$100 per month (3 months).</p> <p>1 assistant, \$2,220.</p> <p>1 assistant, \$2,000.</p> <p>3 assistants, at \$1,800 each.</p> <p>3 assistants, at \$1,620 each.</p> <p>3 assistants, at \$1,440 each.</p> <p>1 technologist in sugar-beet investigations, \$125 per month (2 months).</p> <p>1 laboratory aid in horticulture, \$720.</p> <p>1 editor, \$2,250.</p> <p>1 library assistant, \$1,200.</p> <p>1 translator, \$1,200 (2½ months).</p> <p>1 executive assistant, \$2,250.</p> <p>1 cartographer in agricultural geography, \$1,800.</p>

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Office of Farm Management—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Farm management, 1917, \$230,000.	Farm management, 1915, \$240,000, less \$1,225.84 by transfer to other lump funds of the Bureau of Plant Industry; net amount, \$238,774.16.	
<p>In Washington—Continued.</p> <p>1 copyist, \$50 per month (1 month).</p> <p>2 skilled laborers, at \$25 per month each (temporary).</p> <p>1 expert in farm practice, \$3,000.</p>	<p>In Washington—Continued.</p> <p>1 cartographer, \$125 per month (2 months).</p> <p>1 cartographer, \$100 per month (2 days).</p> <p>1 assistant cartographer in agricultural geography, \$3 per diem (1½ months).</p> <p>1 assistant cartographer in agricultural geography, \$75 per month (1½ months).</p> <p>2 topographic draftsmen, at \$900 each.</p> <p>2 draftsmen (copyist topographic), at \$600 each.</p> <p>2 draftsmen (copyist topographic), at \$60 per month (3 months).</p> <p>1 statistical expert, \$2,000.</p> <p>1 statistical assistant, \$150 per month (2 months).</p> <p>1 computer, \$1,400.</p> <p>1 statistical clerk, \$900.</p> <p>8 statistical clerks, at \$75 per month each.</p> <p>1 statistical clerk, \$80 per month.</p> <p>1 statistical clerk, \$60 per month.</p> <p>1 photographer, \$1,000.</p> <p>1 clerk, \$1,080.</p> <p>2 clerks, at \$75 per month each.</p> <p>2 clerks, at \$840 each.</p> <p>6 clerks, at \$60 per month each.</p> <p>2 stenographers and typewriters, at \$100 per month each.</p> <p>2 typewriter operators, at \$900 each.</p> <p>2 typewriter operators, at \$720 each.</p> <p>15 skilled laborers, at \$25 per month each.</p> <p>1 messenger boy, \$660.</p> <p>1 plumber, \$4 per diem (8 days).</p> <p>1 bricklayer, \$5.33 per diem (8 days).</p> <p>1 bricklayer's helper, \$2.25 per diem (8 days).</p> <p>1 electrician's helper, \$2 per diem (60½ days).</p> <p>4 painters, at \$3.50 per diem (15 days).</p> <p>4 unskilled laborers, at \$2 per diem (2 days).</p> <p>1 student assistant, \$25 per month.</p> <p>1 clerk, 50 cents per hour, when actually employed.</p> <p>1 clerk, \$1,000.</p>	
<p>Out of Washington—</p> <p>1 agriculturist, \$3,000.</p> <p>1 agriculturist, \$2,760.</p> <p>2 agriculturists, at \$2,520 each.</p> <p>3 agriculturists, at \$2,280 each.</p> <p>1 agriculturist, \$2,220.</p> <p>1 agriculturist, \$2,010.</p> <p>1 assistant agriculturist, \$2,000.</p> <p>3 assistant agriculturists, at \$1,800 each.</p> <p>3 assistant agriculturists, at \$1,620 each.</p> <p>1 scientific assistant, \$1,440.</p> <p>1 assistant in dry-land agriculture, \$2,220.</p> <p>31 temporary field assistants, at \$50 per month each (3 months).</p> <p>1 agent, \$1,400.</p> <p>2 agents, at \$750 each.</p> <p>1 agent, \$660.</p> <p>1 agent, \$360.</p> <p>15 collaborators, at \$300 each.</p> <p>1 collaborator, \$270.</p> <p>3 collaborators, at \$1 per annum each.</p> <p>1 skilled laborer, \$25 per month (temporary).</p> <p>1 janitor, \$3.50 per month (temporary).</p>	<p>Out of Washington—</p> <p>1 agriculturist, \$2,760.</p> <p>1 agriculturist, \$2,520.</p> <p>1 agriculturist, \$2,400.</p> <p>3 agriculturists, at \$2,280 each.</p> <p>1 agriculturist, \$2,220.</p> <p>1 assistant agriculturist, \$2,000.</p> <p>1 assistant agriculturist, \$1,200.</p> <p>3 assistant agriculturists, at \$1,500 each.</p> <p>4 assistant agriculturists, at \$1,620 each.</p> <p>1 assistant agriculturist, \$1,300.</p> <p>1 assistant agriculturist, \$600.</p> <p>1 scientific assistant, \$1,620.</p> <p>1 scientific assistant, \$125 per month.</p> <p>1 scientific assistant, \$1,440.</p> <p>2 scientific assistants, at \$100 per month each.</p> <p>1 scientific assistant, \$1,200.</p> <p>1 scientific assistant, \$1,080.</p> <p>1 assistant, \$160 per month.</p> <p>1 assistant, \$4 per diem.</p> <p>1 assistant, \$100 per month.</p> <p>1 assistant, \$65 per month.</p> <p>2 assistants, at \$60 per month each.</p> <p>1 assistant, \$55 per month.</p> <p>34 assistants, at \$50 per month each.</p> <p>1 agent, \$1,200.</p> <p>1 agent, \$1,000.</p> <p>2 agents, at \$75 per month each.</p> <p>1 agent, \$900.</p> <p>1 agent, \$750.</p> <p>1 agent, \$540.</p> <p>1 agent, \$30 per month.</p> <p>1 collaborator, 40 cents per hour when actually employed.</p> <p>5 collaborators, at \$25 per month each.</p> <p>2 collaborators, at \$1 per month each.</p> <p>5 collaborators, at \$1 per annum each.</p> <p>1 collaborating clerk, 33½ cents per hour, when actually employed.</p> <p>5 collaborating clerks, at 30 cents per hour each, when actually employed.</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Office of Farm Management—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
<p align="center">Farm management, 1917, \$230,000.</p>		<p align="center">Farm management, 1915, \$240,000, less \$1,225.84, by transfer to other lump funds of the Bureau of Plant Industry; net amount, \$238,774.16.</p>	
<p>Traveling expenses..... \$54,807.00 Supplies and equipment..... 10,988.00 Miscellaneous expenses..... 650.00 Total estimate, 1917..... 230,000.00 Total appropriation, 1916..... 230,000.00</p> <p>NOTE.—There is no change in above amount, but as 1 chief of office at \$4,000, 1 executive assistant at \$2,270, 1 computer at \$1,400, 2 clerks at \$1,100 each, 1 clerk at \$1,000, 2 clerks at \$1,000 each, 3 clerks at \$900 each, 1 clerk or map tracer at \$840, 1 lantern slide colorist at \$720, 1 laborer at \$360, 1 library assistant at \$1,440, 1 photographer at \$1,000, 1 draftsman at \$1,200, and 2 draftsmen at \$900 each have been transferred to statutory roll of this office, and 1 clerk at \$1,400 to statutory roll of Secretary's Office, there is an actual increase of \$24,390.</p>		<p>Out of Washington—Continued. 8 collaborating clerks, at \$25 per month each. 1 collaborating clerk, \$22.50 per month. 1 collaborating clerk, \$18 per month. 1 collaborating clerk, \$15 per month. 1 statistical clerk, \$1,200. 1 typewriter operator, 40 cents per hour, when actually employed. 2 unskilled laborers, at \$3.50 per month each.</p> <p>Traveling expenses..... \$45,802.80 Supplies and equipment..... 12,673.27 Miscellaneous expenses..... 7,863.70 Total expenditures, 1915..... 208,317.14</p>	
<p align="center">Logged-off lands, 1917, \$5,000.</p>		<p align="center">Logged-off lands, 1915, \$5,000.</p>	
<p>Salaries..... \$3,660.00 As follows: In Washington— 1 agriculturist, \$2,220. 1 scientific assistant, \$1,440. Traveling expenses..... 1,200.00 Supplies and equipment..... 125.00 Miscellaneous expenses..... 15.00 Total estimate, 1917..... 5,000.00 Total appropriation, 1916..... 5,000.00</p>		<p>Salaries..... \$3,660.00 As follows: In Washington— 1 agriculturist, \$2,220. 1 scientific assistant, \$1,440. Traveling expenses..... 846.25 Supplies and equipment..... 284.40 Total expenditures, 1915..... 4,790.65</p>	
<p>Appropriations for 1907..... \$113,200 Deficiency act..... 1,300 Appropriations for 1908..... 119,200 Appropriations for 1909..... 132,900 Appropriations for 1910..... 174,570 Appropriations for 1911..... 229,870 Appropriations for 1912..... 276,450 Appropriations for 1913..... 292,280 Appropriations for 1914..... 303,820 Appropriations for 1915..... 339,880 Appropriations for 1916..... *623,120</p>		<p>Estimates for 1908..... \$115,500 Estimates for 1909..... 134,220 Estimates for 1910..... 162,300 Estimates for 1911..... 198,770 Estimates for 1912..... 276,650 Estimates for 1913..... 287,300 Estimates for 1914..... 305,570 Estimates for 1915..... 332,380 Estimates for 1916..... *635,300 Estimates for 1917..... *698,450</p>	
* Includes Office of Farm Management.			
Total for Office of the Secretary of Agriculture (increase \$75,330)		\$698,450.00	\$623,120.00

WEATHER BUREAU.

Salaries, Weather Bureau—

(1) One chief of bureau (increase of \$1,000 submitted) (<i>acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; Mar. 4, 1915, vol. 38, pp. 1087, 1088, sec. 1</i>)	\$6,000.00
NOTE.—This restores the salary of the Chief of the Weather Bureau to that allowed by law from July 1, 1909, to June 30, 1914, and is urgently recommended.	
(2) One assistant chief of bureau (<i>same acts</i>)	3,250.00
(3) One chief clerk (<i>same acts</i>)	2,500.00
(4) One chief of division of stations and accounts (<i>same acts</i>)	2,750.00
(5) One chief of printing division (<i>same acts</i>)	2,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Weather Bureau—Continued.</i>		
(6) Three chiefs of division, at \$2,000 each (<i>acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; Mar. 4, 1915, vol. 38, pp. 1087, 1088, sec. 1</i>)	\$6, 000. 00	
(7) Eight clerks, class 4 (<i>same acts</i>)	14, 400. 00	
(8) Eleven clerks, class 3 (<i>same acts</i>)	17, 600. 00	
(9) Twenty-three clerks, class 2 (<i>same acts</i>)	32, 200. 00	
(10) Thirty-one clerks, class 1 (increase of 1 in lieu of 1 telegraph operator at \$1,200) (<i>same acts</i>)	37, 200. 00	
NOTE.—This change in designation is recommended in order to have the title of this employee conform more closely to the character of the work performed.		
(11) Twenty-two clerks, at \$1,000 each (<i>same acts</i>)	22, 000. 00	
(12) Ten clerks, at \$900 each (<i>same acts</i>)	9, 000. 00	
【One telegraph operator, \$1,200, changed to 1 clerk, class 1, as above.】		
(13) One foreman of printing (in lieu of 1 assistant foreman of division at \$1,600) (<i>same acts</i>)	1, 600. 00	
NOTE.—This change in designation is recommended in order to have the title of this employee conform more closely to the character of the work performed.		
【One assistant foreman of division, \$1,600, changed to 1 foreman of printing, at \$1,600, as above.】		
【One chief compositor, \$1,400, changed to 1 printer or compositor, \$1,440, as below.】		
(14) One lithographer (<i>same acts</i>)	1, 500. 00	
(15) Three lithographers, at \$1,200 each (increase of 1 by transfer from lump fund for printing office, which fund has not been correspondingly reduced) (<i>same acts</i>)	3, 600. 00	
NOTE.—One lithographer at \$1,200 has been transferred from the lump fund for the printing office of this bureau, but the fund has not been correspondingly reduced as the full amount of the appropriation will be required to properly conduct the work.		
(16) One pressman (<i>same acts</i>)	1, 200. 00	
(17) Twenty printers or compositors, at \$1,440 each (in lieu of 1 chief compositor, at \$1,400, with increase of \$40, 5 compositors, at \$1,250 each, with increase of \$190 in each case, and 14 printers, at \$1,200 each, with increase of \$240 in each case, making a total increase of \$4,350) (<i>same acts</i>)	28, 800. 00	
NOTE.—The rearrangement of compositors and printers is for the purpose of equalizing the pay of these employees and making it conform to the rates of pay at the Government Printing Office and in outside printing shops. The Weather Bureau has experienced difficulty, especially at field stations, in retaining capable printers at the present rates, which are uniformly less than the commercial rates in the same localities. It frequently happens that temporary printers have to be employed at the field stations, and the Weather Bureau is compelled to pay the temporary man a higher rate than that received by the regular station man, who not only can do more and better work but must actually supervise and instruct the temporary man. This condition should be remedied, as it is difficult to retain the services of competent men. The remedy proposed by the rearrangement submitted necessitates an increase of \$4,350. The grouping of these printers and compositors in one item makes it necessary to change the titles of all to "printer and compositor."		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Weather Bureau—Continued.</i>		
(18) Six printers or compositors, at \$1,260 each (in lieu of 6 printers, at \$1,000 each, with increase of \$260 in each case) (<i>acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; Mar. 4, 1915, vol. 38, pp. 1087, 1088, sec 1</i>).....	\$7, 560. 00	
NOTE.—This involves a promotion of \$260 each for six printers. The change in designation and increase in salary is explained in the preceding note.		
(19) Five printers or compositors, at \$1,000 each (in lieu of 5 printers, at \$1,000 each) (<i>same acts</i>).....	5, 000. 00	
NOTE.—The change in designation is recommended in order that the class of labor best suited to the needs of the bureau may be employed as vacancies occur.		
【Five compositors, at \$1,250 each, changed to 5 printers or compositors, at \$1,440 each, as above.】		
【Fourteen printers, at \$1,200 each, changed to 14 printers or compositors, at \$1,440 each, as above.】		
【Eleven printers, at \$1,000 each, changed to 6 printers or compositors, at \$1,260 each, and 5 printers or compositors, at \$1,000 each, as above.】		
(20) Four folders and feeders, at \$720 each (<i>same acts</i>).....	2, 880. 00	
(21) Five instrument makers, at \$1,440 each (in lieu of 1 chief instrument maker, at \$1,400, with increase of \$40, 3 instrument makers, at \$1,200 each, with increase of \$240 in each case, and 1 skilled mechanic, at \$1,000, with increase of \$440, making a total increase of \$1,200) (<i>same acts</i>).....	7, 200. 00	
NOTE.—The rearrangement of the force of skilled instrument makers is necessary in order to provide adequate compensation for and retain the services of men experienced in the construction and repair of meteorological instruments. None of them has served less than 10 years and some have served over 35 years. Moreover, by dispensing with the services of one skilled mechanic at \$1,000, the work can be accomplished at the new rates of pay with a net increase in the appropriation of only \$200. These men are called on to perform work of the highest mechanical skill, and their duties will be even more exacting in the future because of the necessity for the construction of high-grade instruments that are not now procurable from Europe on account of the war.		
【One chief instrument maker, \$1,400, changed to 1 instrument maker, \$1,440, as above.】		
【Three instrument makers, at \$1,200 each, changed to 3 instrument makers, at \$1,440 each, as above.】		
(22) Two skilled mechanics, at \$1,200 each (<i>same acts</i>).....	2, 400. 00	
(23) Five skilled mechanics, at \$1,000 each (decrease of 2, 1 by change to 1 instrument maker, at \$1,440, and 1 dropped) (<i>same acts</i>)...	5, 000. 00	
(24) One skilled mechanic (<i>same acts</i>).....	840. 00	
(25) One skilled mechanic (<i>same acts</i>).....	720. 00	
(26) Six skilled artisans, at \$840 each (<i>same acts</i>).....	5, 040. 00	
(27) One engineer (<i>same acts</i>).....	1, 300. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Weather Bureau—Continued.</i>		
(28) One fireman and steam fitter (<i>acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5: Mar. 4, 1915, vol. 38, pp. 1087, 1088, sec. 1</i>) -----	\$840. 00	
(29) Four firemen, at \$720 each (<i>same acts</i>) -----	2, 880. 00	
(30) One captain of the watch (<i>same acts</i>) -----	1, 000. 00	
(31) One electrician (<i>same acts</i>) -----	1, 200. 00	
(32) One gardener (<i>same acts</i>) -----	1, 000. 00	
(33) Four repairmen, at \$840 each (<i>same acts</i>) -----	3, 360. 00	
(34) Six repairmen, at \$720 each (<i>same acts</i>) -----	4, 320. 00	
(35) Four watchmen, at \$720 each (<i>same acts</i>) -----	2, 880. 00	
(36) Seventeen messengers, messenger boys, or laborers, at \$720 each (<i>same acts</i>) -----	12, 240. 00	
(37) Six messengers, messenger boys, or laborers, at \$660 each (<i>same acts</i>) -----	3, 960. 00	
(38) Thirty-one messengers, messenger boys, or laborers, at \$600 each (<i>same acts</i>) -----	18, 600. 00	
(39) Eighty-eight messengers, messenger boys, or laborers, at \$480 each (<i>same acts</i>) -----	42, 240. 00	
(40) Five messengers, messenger boys, or laborers, at \$450 each (<i>same acts</i>) -----	2, 250. 00	
(41) Thirty-seven messenger boys, at \$360 each (<i>same acts</i>) -----	13, 320. 00	
(42) One charwoman (<i>same acts</i>) -----	360. 00	
(43) Three charwomen, at \$240 each (<i>same acts</i>) -----	720. 00	
	\$341, 210. 00	\$332, 900.00

Appropriations for 1907.....	\$194, 690	Estimates for 1908.....	\$196, 990
Appropriations for 1908.....	196, 990	Estimates for 1909.....	202, 510
Appropriations for 1909.....	202, 510	Estimates for 1910.....	204, 310
Appropriations for 1910.....	205, 310	Estimates for 1911.....	206, 150
Appropriations for 1911.....	206, 150	Estimates for 1912.....	312, 800
Appropriations for 1912.....	313, 170	Estimates for 1913.....	317, 120
Appropriations for 1913.....	315, 930	Estimates for 1914.....	330, 240
Appropriations for 1914.....	325, 860	Estimates for 1915.....	328, 270
Appropriations for 1915.....	327, 270	Estimates for 1916.....	324, 640
Appropriations for 1916.....	332, 900	Estimates for 1917.....	341, 210

NOTE.—There is an actual increase of \$8,310, as follows:

Promotions.

1 chief of bureau, from \$5,000 to \$6,000.....	\$1, 000
1 chief compositor, \$1,400, to 1 printer or compositor, \$1,440.....	40
5 compositors, at \$1,250 each, to 5 printers or compositors, at \$1,440 each.....	950
14 printers, at \$1,200 each, to 14 printers or compositors, at \$1,440 each.....	3, 360
6 printers, at \$1,000 each, to 6 printers or compositors, at \$1,260 each.....	1, 560
1 chief instrument maker, at \$1,400, to 1 instrument maker, \$1,440..	40
3 instrument makers, at \$1,200 each, to \$1,440 each.....	720
1 skilled mechanic, \$1,000, to 1 instrument maker, \$1,440.....	440
	\$8, 110

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Weather Bureau—Continued.</i>		
<i>Transfer from lump fund of this bureau, which fund has not been correspondingly reduced.</i>		
1 lithographer, from lump fund for printing office.....	\$1,200	
	9,310	
<i>Place dropped.</i>		
1 skilled mechanic.....	1,000	
	8,310	
<i>Actual increase.....</i>		
<i>Change of title.</i>		
1 clerk, class 1, in lieu of 1 telegraph operator, \$1,200. 1 foreman of printing, \$1,600, in lieu of 1 assistant foreman of division, \$1,600. 1 printer or compositor, \$1,440, in lieu of 1 chief compositor, \$1,400. 5 printers or compositors, at \$1,440 each, in lieu of 5 compositors, at \$1,250 each. 14 printers or compositors, at \$1,200 each, in lieu of 14 printers, at \$1,200 each. 6 printers or compositors, at \$1,260 each, in lieu of 6 printers, at \$1,000 each. 5 printers or compositors, at \$1,000 each, in lieu of 5 printers, at \$1,000 each. 1 instrument maker, at \$1,440, in lieu of 1 chief instrument maker, \$1,400. 1 instrument maker, \$1,440, in lieu of 1 skilled mechanic, \$1,000.		
<i>General Expenses, Weather Bureau—</i>		
(44) For carrying into effect in the District of Columbia and elsewhere in the United States, in the West Indies, <i>in the Panama Canal, the Carribbean Sea</i> , and on adjacent coasts, in the Hawaiian Islands, in Bermuda, and in Alaska, the provisions of an act approved Oct. 1, 1890, so far as they relate to the weather service transferred thereby to the Department of Agriculture, for the employment of professors of meteorology, district forecasters, local forecasters, meteorologists, section directors, observers, apprentices, operators, skilled mechanics, instrument makers, foremen, assistant foremen, proof readers, compositors, pressmen, lithographers, folders and feeders, repairmen, station agents, messengers, messenger boys, laborers, special observers, displaymen, and other necessary employees; for fuel, gas, electricity, freight and express charges, furniture, stationery, ice, dry goods, twine, mats, oils, paints, glass, lumber, hardware, and washing towels; for advertising; for <i>purchase</i> , subsistence and care of horses and vehicles, the purchase and repair of harness, for official purposes only; for instruments, shelters, apparatus, storm-warning towers and repairs thereto; for rent of offices; for repairs and improvements to existing buildings and care and preservation of grounds, including the construction of necessary outbuildings and sidewalks on public streets abutting Weather Bureau grounds; and the erection of temporary buildings for living quarters of observers; for official traveling expenses; for telephone rentals and for telegraphing, telephoning, and cabling reports and messages, rates to be fixed by the Secretary of Agriculture by agreements with the companies performing the service; for the maintenance and repair of Weather Bureau telegraph, telephone, and cable lines; and for every other expenditure required for the establishment, equipment, and maintenance of meteorological offices and stations and for the issuing of weather forecasts and warnings of storms, cold waves, frosts, and heavy snows, the gauging and measuring of the flow of rivers and the issuing of river forecasts and warnings; for observations and reports relating to crops and for other necessary observations and reports, including cooperation with other bureaus of the Government and societies and institutions of learning for the dissemination of meteorological information, as follows:		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Weather Bureau—Continued.</i>		
<p>NOTE.—The words "in the Panama Canal, the Caribbean Sea" have been added to the above paragraph for the purpose of extending the work of the Weather Bureau to include those regions, as more fully explained in the note under the item for "expenses outside of Washington." The word "purchase" merely restores the language of the paragraph to that carried in former acts for many years. The offices of the Weather Bureau are located at Twenty-fourth and M Streets, at a great distance from the city post office, the main buildings of the Department of Agriculture, and the central portions of the city. The Weather Bureau has two horses, used exclusively for official purposes, and these are necessary to the efficient conduct of the work of the bureau. The animals now in use have been in the service for from 5 to 8 years, and the purchase of new horses may become necessary at any time. The authority for such purchase was stricken from the paragraph last year. The bureau already has been obliged to hire a horse during the temporary incapacity of one of the animals, and it should be in a position to purchase a new animal whenever such action becomes necessary.</p> <p>(45) For necessary expenses in the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information, and for investigations in meteorology, climatology, seismology, evaporation, and aerology [\$110,000] (<i>acts Oct. 1, 1890, vol. 26, p. 654, sec. 9; July 7, 1898, vol. 30, p. 706, sec. 1; Mar. 4, 1915, vol. 38, p. 1088, sec. 1</i>) -----</p>		\$109,250. 00
<p>NOTE.—There is an apparent decrease in the above subappropriation of \$750, due to the transfer of this amount to the statutory roll of the Secretary's office to provide for one-fourth of the salary of the assistant in charge of information.</p> <p>(46) For the maintenance of a printing office in the city of Washington for the printing of weather maps, bulletins, circulars, forms, and other publications, including the pay of additional employees, when necessary, \$14,000: <i>Provided</i>, That no printing shall be done by the Weather Bureau that, in the judgment of the Secretary of Agriculture, can be done at the Government Printing Office without impairing the service of said bureau (<i>same acts</i>) --</p>		14, 000. 00
<p>NOTE.—No change in amount; actual increase \$1,200. One lithographer at \$1,200 has been transferred from the above fund to the statutory roll of this bureau, but the fund has not been correspondingly reduced, as it is small and the full amount of the appropriation will be required to properly conduct the work.</p> <p>(47) For necessary expenses outside of the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information, and for investigations in meteorology, climatology, seismology, evaporation, and aerology [\$1,185,150], <i>\$1,260,150</i>, including not to exceed [\$599,660] \$636,720 for salaries, [\$122,170] \$133,540 for special observations and reports, and [\$279,000] \$293,900 for telegraphing and telephoning (<i>same acts</i>) -----</p>		1,260,150. 00
<p>NOTE.—There is an increase in the above subappropriation of \$75,000 as follows: Salaries, \$37,060; special reports, \$11,370; telegraphing and telephoning, \$14,900; miscellaneous, \$11,670. The objects for which these increases are asked for are:</p> <p>1. For the extension of the work to the Caribbean Sea region, including the Panama Canal Zone and other portions of the mainland and the islands adjacent thereto, \$30,000 is required. This will enable the bureau to give ample warnings of the great storms that frequently visit this region and are so destructive to shipping as well as to the lives and property of the occupants of adjacent lands. At the present time a service is maintained for about seven months, one observation a day being furnished by a limited number of stations located on the islands. This service should be made continuous throughout the year and observers should report twice a day, as observations once a day are inadequate during stormy conditions. The number of stations should also be increased, especially on the northern coast of South America, in the region of the Canal Zone, and in Central American countries, including the southern Gulf coast. In addition to land stations, an increasing number of reports</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<p><i>General Expenses, Weather Bureau—Continued.</i></p> <p>should be received from vessels plying these waters and equipped with wireless apparatus. In many cases observations of great value have been furnished by wireless telegraph from vessels in waters from which reports would otherwise be unobtainable. By these extensions the bureau will not only be in a position to give warning in the case of destructive storms but also to render a daily service of reports of weather conditions, wind force and direction, etc., that will be of great value to the increasing commerce passing over the waters of these regions. A separate item of \$25,000 is included in the estimates for a building to be erected in the Canal Zone to serve as the local official center for the weather service in this region. The extension of the service in the Caribbean Sea should be of considerable value in connection with military and naval operations in the Panama Canal.</p> <p>2. For the extension of forest-fire forecasts, frost-warning work, and river and flood work, \$20,000 will be needed. The reasons for this increase are as follows:</p> <p>(a) Forest-fire forecasts: During the past two years the bureau has undertaken, in cooperation with the Forest Service and forest conservation associations in various States, to issue forecasts of wind force and direction as an aid to employees on forest reservations in guarding against and fighting fires. Such fires result in enormous losses each year during the hot, dry season. It is of great benefit to the forest rangers to know when dry winds in excess of a certain force and from certain directions will occur, in order that they may deploy their men to best advantage. This is especially true when forest fires are already under way. The forecasts issued by the Weather Bureau for these purposes have been very successful and their value demonstrated beyond question. However, it is not possible to do more than a limited amount of work with present resources. It will require additional employees and funds to permit the work being extended to a large number of reserves where forest-fire forecasts can be used to splendid advantage, especially in the States of California, Washington, Oregon, Montana, and Idaho.</p> <p>(b) Frost warnings: One of the important lines of work in which the bureau has been engaged for many years is frost warnings in the interest of truckers and growers of tobacco, small fruits, raisins, oranges, and cranberries. Apple growing has greatly increased in the United States during the past few years, and damage from frost is one of the greatest hazards of the industry. Practically all of the enterprising and successful growers have spent large sums for protective appliances. If warnings of frost are supplied by the bureau, protection from heavy frosts is easily accomplished, while in many cases orchards can be carried through several nights of freezing temperature without damage. However, it is essential that advance notice be given in order that the growers may make preparations for the operation of the protective appliances. The frost warnings issued by the bureau have been so successful that there is a continuous demand for an increase of this work. The limit has been reached with present resources, and it is essential that additional funds be provided for the employment of observers, for telegraphing, for securing additional observations and reports, etc., if the large and growing fruit industry, in the States of California, Washington, Oregon, Montana, Florida, Ohio, Idaho, and elsewhere, is to be properly cared for.</p> <p>(c) River and flood work: The river and flood work of the bureau has long been recognized as indispensable for the protection of lives and property along the great waterways of the United States and as an aid to river commerce. There are many rivers to which this work has not been extended because of a lack of funds, and it has been necessary to deny many demands from sections where such service is urgently needed. This is especially true in Wisconsin, portions of the Ohio River Valley, and in Texas and other regions in the Southwest.</p> <p>3. For an extension of the work of the bureau in Alaska, because of the active development of the agricultural and commercial industries of that Territory, \$10,000 is required. Observations and reports from that section are of great value to the forecasters in the issuing of forecasts and warnings for the Pacific coast and Northwestern States. Extensions of railroad, telegraph, and cable facilities in Alaska now make it possible to obtain daily observations from many interior points. Advantage should be taken of these facilities. At the present time reports are obtained through cooperation with the War Department and with the Experiment Station of the States Relations Service. The assistance from the latter, however, has not been entirely satisfactory because the duties of the director of the station necessitate his absence from his headquarters at Sitka for long periods at a time. A climatological service such as is now in operation in each State of the United States should be established in Alaska. The official in charge of this service would have supervision over the establishing of all climatological stations, the selection of observers, and the transmission of daily observations by telegraph and cable. This would increase the efficiency of the work, which is now constantly hampered by the long delays necessary in referring administrative and other details to Seattle or to Washington. Furthermore, it would make more certain the prompt receipt of accurate observations which are of indispensable value, especially in the winter months.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.					Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.	
1							
General Expenses, Weather Bureau—Continued.							
4. For increasing the compensation of the field employees of the Weather Bureau, \$15,000 is asked. The Weather Bureau officials throughout the country are rendering valuable service. Their work often affects the lives and welfare of thousands of people and involves the protection of property of great value. This service admits of no failure, interruptions, or delay, either for Sundays, holidays, or on lition of the weather. On occasions of great storms, floods, etc., the service becomes doubly exacting, and the men remain on duty for many hours day and night. Calls for information by telephone and otherwise become numerous, and only the most necessary routine work of the local office can be performed for two or three days at a time. The office is frequently kept open night and day, Sun lays and holidays alike, if the conditions require. Only one employee receiving \$1,200 per annum or more has served less than five years, while the average service of those in the \$1,200 and higher grades is in excess of 15 years. The \$15,000 increase asked will enable small promotions to be made to about 70 of the most worthy of approximately 500 employees.							
(48)	For official traveling expenses (acts Oct. 1, 1890, vol. 26, p. 654, sec. 9; July 7, 1898, vol. 30, p. 706, sec. 1; Mar. 4, 1915, vol. 38, p. 1088, sec. 1)					\$24,000.00	
(49)	For the purchase of a site and the erection of a building at Cape Henry, Va., to be constructed under the supervision of the Chief of the Weather Bureau, plans and specifications to be approved by the Secretary of Agriculture, and for all necessary labor, materials, and expenses connected with this work (submitted)					25,000.00	
NOTE.—The present building at Cape Henry is a flimsy three-story frame structure, situated on the old lighthouse reservation recently transferred to the War Department, and is within the bounds of the proposed fortifications recently authorized by Congress. This site must be vacated before the construction of the fortifications begins. The present building has been in use for over 50 years, is in bad condition, and can not be moved. A building must be erected and a new site secured that will give an unobstructed outlook for marine traffic, as vessel reporting is a very important feature of the work at this station.							
(50)	For the acquisition of a site and the erection of a building in the region of the Panama Canal, to be constructed under the supervision of the Chief of the Weather Bureau, plans and specifications to be approved by the Secretary of Agriculture, and for all necessary labor, materials, and expenses connected with this work (submitted)					25,000.00	
NOTE.—The extension of the service in the Caribbean Sea and in the Panama Canal region requires a suitable building for office and living quarters at the central station having supervision of the meteorological, climatological, seismological, and marine work of this region.							
In all, for general expenses					\$1,457,400.00	\$1,333,150.00	
Appropriations for 1907..... 1 \$630,000 Estimates for 1908..... 1 \$645,000 Appropriations for 1908..... 1 645,000 Estimates for 1909..... 1 687,500 Appropriations for 1909..... 1 852,000 Estimates for 1910..... 1 412,950 Appropriations for 1910..... 1,277,950 Estimates for 1911..... 1,277,110 Appropriations for 1911..... 1,293,610 Estimates for 1912..... 1,283,310 Appropriations for 1912..... 1,262,080 Estimates for 1913..... 1,268,330 Appropriations for 1913..... 1,278,750 Estimates for 1914..... 1,310,250 Appropriations for 1914..... 1,356,750 Estimates for 1915..... 1,317,000 Appropriations for 1915..... 1,340,000 Estimates for 1916..... 1,379,110 Appropriations for 1916..... 1,333,150 Estimates for 1917..... 1,457,400							
1 "Salaries, station employees, Weather Bureau," separately provided for.							
Statement of proposed expenditures from the above appropriation for general expenses, Weather Bureau, for the fiscal year ending June 30, 1917, for the maintenance, repair, and operation of horse-drawn passenger-carrying vehicles, as required by sec. 5 of the act of July 16, 1914 (38 Stat., p. 508).							
Bureau.	Horse-drawn or motor-propelled.	Appropriation.	Maintenance, repair, and operation.			Public purpose for which intended.	Officials and employees by whom used.
			Num-ber.	Descrip-tion.	Amount.		
Weather Bu-reau.	Horse-drawn.	General ex-penses, Weather Bureau.	1	Surrey.	\$375.00	Aministrative work of bu-reau.	Chief and acting chief, Wash-ington, D. C.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Weather Bureau—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>		
<p align="center">Central office expenses, 1917, \$109,250.</p> <hr/> <p>Salaries..... \$11,370.00 As follows: In Washington— 3 professors of meteorology, at \$3,960 each. 1 professor of meteorology, \$3,000. 2 professors of meteorology, at \$2,880 each. 1 professor of meteorology, \$2,520. 1 district forecaster, \$3,500. 1 meteorologist, \$3,250. 1 climatologist and chief of division, \$2,520. 1 section director, \$2,000. 1 meteorologist, \$1,800. 2 meteorologists, at \$1,620 each. 1 observer, \$1,440. 1 storm-warning displayman, \$10 per month. Emergency assistance, \$340 (estimated).</p> <p>Traveling expenses..... 240.00 Supplies and equipment..... 16,000.00 Miscellaneous expenses..... 51,640.00</p> <p>Total estimate, 1917..... 109,250.00 Total appropriation, 1916..... 110,000.00</p> <p>Decrease [by transfer of one assistant in charge of information (part salary) to the statutory roll of the Office of the Secretary]..... 750.00</p>	<p>Central office expenses, 1915, \$122,000, less \$12,200, by transfer to miscellaneous station expenses; net amount, \$109,800.</p> <hr/> <p>Salaries..... \$36 386.67 As follows: In Washington— 1 professor of meteorological physics, \$3,500. 2 professors of meteorology, at \$3,500 each. 1 professor of meteorology, \$3,000 (11½ months). 1 professor of meteorology, \$2,880 (5 months) and \$2,520 (2 months). 1 professor of meteorology, \$2,520 (11½ months) and \$2,500 (½ month). 1 professor of meteorology, \$2,520 (11½ months) and junior professor meteorology, \$2,400 (½ month). 1 district forecaster, \$3,500. 1 meteorologist, \$3,250. 1 meteorologist, \$1,800 (2 months) and \$1,600 (10 months). 1 meteorologist, \$1,600 (3 months). 1 climatologist and chief of division, \$2,520 (11½ months) and \$2,500 (½ month). 1 chief of office of information, \$3,000 (3 months). 1 observer, \$1,560 (5 months) and \$1,380 (2 months). 1 observer, \$1,400. 1 observer, \$1,380 (2 months). 1 observer, \$1,200. 1 assistant observer, \$1,080 (3 months). 1 clerk (map draftsman), \$1,200 (½ month). 1 brick layer, \$5 per diem (22 days). 1 storm-warning displayman, \$10 per month.</p> <p>Traveling expenses..... 240.00 Supplies and equipment..... 13,932.45 Miscellaneous expenses..... 49,855.52</p> <p>Total expenditures, 1915..... 100,417.64</p>	
<p align="center">Printing office, 1917, \$14,000.</p> <hr/> <p>Supplies and equipment..... \$13,000.00 Miscellaneous expenses..... 1,000.00</p> <p>Total estimate, 1917..... 14,000.00 Total appropriation, 1916..... 14,000.00</p> <p>NOTE.—As 1 lithographer, at \$1,200, has been transferred to statutory roll and printing office fund not correspondingly reduced, there is an actual increase of \$1,200.</p>	<p>Printing office, 1915, \$26,000, less \$2,600 transferred to miscellaneous station expenses; net amount, \$23,400.</p> <hr/> <p>Salaries..... \$1,820.16 As follows: In Washington— 1 lithographic pressman, \$1,200 (8½ months). 1 compositor, \$1,250 (3½ months). 1 compositor, \$1,250 (3 months). 1 compositor, \$1,250 (2½ months).</p> <p>Supplies and equipment..... 20,616.90 Miscellaneous expenses..... 962.06</p> <p>Total expenditures, 1915..... 23,399.12</p>	
<p align="center">Station salaries, 1917, \$636,720.</p> <hr/> <p>Salaries..... \$636,720.00 As follows: Out of Washington— 1 professor of meteorology, \$3,960. 3 district forecasters, at \$2,880 each. 1 district forecaster, \$2,750. 4 district forecasters, at \$2,520 each. 1 district forecaster, \$2,280. 6 meteorologists, at \$2,880 each. 6 meteorologists, at \$2,520 each. 10 meteorologists, at \$2,160 each. 5 meteorologists, at \$1,980 each.</p>	<p>Station salaries, 1915, \$591,000, less \$6,500 transferred to miscellaneous station expenses; net amount, \$584,500.</p> <hr/> <p>Salaries..... \$584,026.03 As follows: Out of Washington— 1 professor of meteorology, \$3,500. 3 professors of meteorology, at \$2,520 each (11½ months) and \$2,500 each (½ month). 1 professor of meteorology, \$2,520 (11 months), and \$2,500 (1 month). 1 professor of meteorology, \$2,520 (4½ months), and junior professor of meteorology, \$2,400 (½ month).</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Weather Bureau—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Cont.</i>		
<p align="center">Station salaries, 1917, \$636,720.</p>	<p align="center">Station salaries, 1915, \$591,000, less \$6,500 transferred to miscellaneous station expenses; net amount, \$584,500.</p>	
<p>Out of Washington—Continued.</p> <p>15 meteorologists, at \$1,800 each.</p> <p>9 meteorologists, at \$1,620 each.</p> <p>44 meteorologists, at \$1,440 each.</p> <p>1 section director, \$2,520.</p> <p>5 section directors, at \$2,280 each.</p> <p>3 section directors, at \$2,040 each.</p> <p>7 section directors, at \$1,800 each.</p> <p>8 section directors, at \$1,600 each.</p> <p>1 section director, \$1,000.</p> <p>3 local forecasters, at \$2,040 each.</p> <p>2 local forecasters, at \$2,000 each.</p> <p>5 local forecasters, at \$1,800 each.</p> <p>9 local forecasters, at \$1,600 each.</p> <p>18 local forecasters, at \$1,560 each.</p> <p>1 local forecaster, \$1,440.</p> <p>2 local forecasters, at \$1,380 each.</p> <p>2 local forecasters, at \$1,200 each.</p> <p>3 local forecasters, at \$1,000 each.</p> <p>6 observers, at \$1,440 each.</p> <p>22 observers, at \$1,380 each.</p> <p>19 observers, at \$1,260 each.</p> <p>64 observers, at \$1,200 each.</p> <p>11 observers, at \$1,000 each.</p> <p>60 assistant observers, at \$1,080 each.</p> <p>26 assistant observers, at \$1,000 each.</p> <p>76 assistant observers, at \$900 each.</p> <p>1 assistant observer, \$720.</p> <p>1 assistant observer, \$600.</p> <p>1 assistant observer, \$500.</p> <p>1 assistant observer, \$450.</p> <p>1 expert in vessel reporting, \$840.</p> <p>1 apprentice, \$480.</p> <p>3 student assistants, at \$300 each.</p> <p>1 unskilled laborer, \$720 (6 months).</p> <p>1 unskilled laborer, \$600 (6 months).</p> <p>120 temporary emergency employments.</p>	<p>Out of Washington—Continued.</p> <p>1 district forecaster, \$2,750.</p> <p>1 district forecaster, \$2,520 (11½ months) and \$2,400 (½ month).</p> <p>6 district forecasters, at \$2,520 each (11 months) and \$2,400 each (1 month).</p> <p>1 district forecaster, \$2,280 (11½ months), and local forecaster, \$2,000 (½ month).</p> <p>1 local forecaster, \$2,520 (2 months) and \$2,000 (10 months).</p> <p>3 local forecasters, at \$2,280 each.</p> <p>2 local forecasters, at \$2,280 each (11½ months), and \$2,000 each (½ month).</p> <p>2 local forecasters, at \$2,040 each.</p> <p>1 local forecaster, \$2,040 (11½ months) and \$1,800 (½ month).</p> <p>1 local forecaster, \$2,040 (9 months) and \$1,800 (½ month).</p> <p>3 local forecasters, at \$2,000 each.</p> <p>10 local forecasters, at \$1,800 each.</p> <p>1 local forecaster, \$1,800 (11½ months) and \$1,600 (½ month).</p> <p>2 local forecasters, at \$1,800 each (11 months), and \$1,600 each (1 month).</p> <p>22 local forecasters, at \$1,600 each.</p> <p>3 local forecasters, at \$1,560 each.</p> <p>9 local forecasters, at \$1,560 each (11½ months), and \$1,400 each (½ month).</p> <p>1 local forecaster, \$1,560 (11½ months) and \$1,400 (½ month).</p> <p>4 local forecasters, at \$1,560 each (11 months) and \$1,400 each (1 month).</p> <p>1 local forecaster, \$1,560 (5 months) and \$1,400 (7 months).</p> <p>1 local forecaster, \$1,440 (2 months) and \$1,200 (10 months).</p> <p>19 local forecasters, at \$1,400 each.</p> <p>1 local forecaster, \$1,400 (11½ months).</p> <p>1 local forecaster, \$1,380 (11½ months) and \$1,200 (½ month).</p> <p>1 local forecaster, \$1,380 (11 months) and \$1,200 (1 month).</p> <p>2 local forecasters, at \$1,200 each.</p> <p>3 local forecasters, at \$1,000 each.</p> <p>3 section directors, at \$2,280 each.</p> <p>1 section director, \$2,280 (11½ months) and \$2,000 (½ month).</p> <p>2 section directors, at \$2,280 each (11 months) and \$2,000 each (1 month).</p> <p>1 section director, \$2,040.</p> <p>2 section directors, at \$2,040 each (11½ months), and \$1,800 each (½ month).</p> <p>2 section directors, at \$2,040 each (11 months) and \$1,800 each (1 month).</p> <p>1 section director, \$2,000.</p> <p>4 section directors, at \$1,800 each.</p> <p>2 section directors, at \$1,800 each (11 months), and \$1,600 each (1 month).</p> <p>1 section director, \$1,800 (½ month).</p> <p>8 section directors, at \$1,600 each.</p> <p>1 section director, \$1,600 (2½ months).</p> <p>2 section directors, at \$1,560 each.</p> <p>1 section director, \$1,560 (11 months) and \$1,400 (1 month).</p> <p>1 section director, \$1,560 (11½ months) and \$1,400 (½ month).</p> <p>1 section director, \$1,000.</p> <p>1 meteorologist, \$2,160 (2½ months) and \$1,080 (1½ months).</p> <p>1 meteorologist, \$2,160 (2 months) and local forecaster, \$1,800 (10 months).</p> <p>1 meteorologist, \$1,800 (2½ months), and observer, \$1,380 (9 months).</p> <p>1 meteorologist, \$1,800 (2½ months), observer, \$1,380 (9 months), and observer, \$1,200 (½ month).</p> <p>1 meteorologist (junior engineer), \$1,080 (5 months).</p> <p>3 observers, at \$1,440 each (2 months) and \$1,200 each (10 months).</p> <p>1 observer, \$1,440 (2 months), \$1,080 (9½ months), and \$1,000 (½ month).</p> <p>11 observers, at \$1,380 each.</p> <p>10 observers, at \$1,380 each (11½ months) and \$1,200 each (½ month).</p> <p>1 observer, \$1,380 (9 months).</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Weather Bureau—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Station salaries, 1917, \$636,720.	Station salaries, 1915, \$591,000, less \$6,500 transferred to miscellaneous station expenses; net amount, \$584,500.	
	<p>Out of Washington—Continued.</p> <p>1 observer, \$1,380 (11½ months) and \$1,200 (½ month).</p> <p>1 observer, \$1,380 (6½ months).</p> <p>1 observer, \$1,380 (5 months).</p> <p>1 observer, \$1,260 (2 months), and assistant observer, \$1,000 (10 months).</p> <p>1 observer, \$1,260 (2 months), and assistant observer, \$900 (10 months).</p> <p>87 observers, at \$1,200 each.</p> <p>1 observer, \$1,200 (11½ months), and assistant observer, \$1,000 (½ month).</p> <p>9 observers, at \$1,200 each (11½ months), and assistant observers, \$1,000 each (½ month).</p> <p>1 observer, \$1,200 (11 months).</p> <p>1 observer, \$1,200 (10 months).</p> <p>1 observer, \$1,200 (9 months).</p> <p>1 observer, \$1,200 (8½ months), and assistant observer, \$1,000 (½ month).</p> <p>1 observer, \$1,200 (8¼ months).</p> <p>1 observer, \$1,200 (8 months), and assistant observer, \$1,000 (½ month).</p> <p>1 observer, \$1,200 (6 months).</p> <p>1 observer, \$1,200 (5½ months).</p> <p>1 observer, \$1,200 (3 months).</p> <p>12 observers, at \$1,000 each.</p> <p>1 observer, \$600 (½ month, part time).</p> <p>10 assistant observers, at \$1,080 each.</p> <p>14 assistant observers, at \$1,080 each (11½ months), and \$1,000 each (½ month).</p> <p>1 assistant observer, \$1,080 (11½ months), and \$900 (½ month).</p> <p>1 assistant observer, \$1,080 (11 months), and \$1,000 (½ month).</p> <p>1 assistant observer, \$1,080 (10½ months), and \$1,000 (½ month).</p> <p>1 assistant observer, \$1,080 (9½ months).</p> <p>1 assistant observer, \$1,080 (¾ month, and \$1,000 (½ month).</p> <p>21 assistant observers, at \$1,000 each.</p> <p>1 assistant observer, \$1,000 (11½ months).</p> <p>1 assistant observer, \$1,000 (11½ months).</p> <p>1 assistant observer, \$1,000 (10 months).</p> <p>1 assistant observer, \$1,000 (8½ months, and \$500 (2½ months, part time).</p> <p>1 assistant observer, \$1,000 (8 months).</p> <p>1 assistant observer, \$1,000 (7½ months).</p> <p>1 assistant observer, \$1,000 (4½ months).</p> <p>1 assistant observer, \$1,000 (4¼ months).</p> <p>1 assistant observer, \$1,000 (3¼ months), and \$500 (8¼ months, part time).</p> <p>1 assistant observer, \$1,000 (3 months).</p> <p>1 assistant observer, \$1,000 (½ month) and \$720 (11½ months).</p> <p>1 assistant observer, \$960.</p> <p>12 assistant observers, at \$960 each (11½ months) and \$900 each (½ month).</p> <p>1 assistant observer, \$960 (11½ months) and \$900 (½ month).</p> <p>1 assistant observer, \$960 (8 months) and \$900 (½ month).</p> <p>1 assistant observer, \$960 (7 months) and \$900 (5 months).</p> <p>1 assistant observer, \$960 (2 months) and \$900 (½ month), and \$480 (9½ months, part time).</p> <p>58 assistant observers, at \$900 each.</p> <p>1 assistant observer, \$900 (11½ months).</p> <p>1 assistant observer, \$900 (11½ months).</p> <p>3 assistant observers, at \$900 each (11 months).</p> <p>1 assistant observer, \$900 (10½ months).</p> <p>1 assistant observer, \$900 (10¼ months).</p> <p>1 assistant observer, \$900 (9½ months).</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
General Expenses, Weather Bureau—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Station salaries, 1917, \$636,720.	Station salaries, 1915, \$591,000, less \$6,500 transferred to miscellaneous station expenses; net amount, \$584,500. Out of Washington—Continued. 1 assistant observer, \$900 (9½ months). 1 assistant observer, \$900 (9½ months). 5 assistant observers, at \$900 each (9 months). 1 assistant observer, \$900 (8½ months). 1 assistant observer, \$900 (8½ months). 1 assistant observer, \$900 (8½ months). 2 assistant observers, at \$900 each (8 months). 1 assistant observer, \$900 (7½ months). 1 assistant observer, \$900 (7 months). 1 assistant observer, \$900 (6½ months). 1 assistant observer, \$900 (6½ months). 1 assistant observer, \$900 (4½ months). 1 assistant observer, \$900 (4 months). 2 assistant observers, at \$900 each (3½ months). 1 assistant observer, \$900 (3½ months). 1 assistant observer, \$900 (3½ months). 1 assistant observer, \$900 (3½ months). 1 assistant observer, \$900 (3½ months). 2 assistant observers, at \$900 each (3½ months). 1 assistant observer, \$900 (3½ months). 1 assistant observer, \$900 (3 months). 1 assistant observer, \$900 (2½ months), and \$450 (2½ months, part time). 1 assistant observer, \$900 (2½ months). 1 assistant observer, \$900 (2 months). 1 assistant observer, \$900 (1½ months). 1 assistant observer, \$900 (1½ months). 1 assistant observer, \$900 (1½ months). 1 assistant observer, \$900 (1½ months). 1 assistant observer, \$600 (11 months, part time). 1 assistant observer, \$600 (10½ months, part time). 1 expert in vessel reporting, \$840. 3 student assistants, at \$300 each. 1 student assistant, \$300 (8½ months). 1 student assistant, \$300 (7½ months). 1 student assistant, \$300 (5½ months). 1 student assistant, \$300 (1½ months). 1 student assistant, \$300 (½ month). 1 printer, \$1,000 (1 month). 1 printer, \$1,000 (½ month). 1 unskilled laborer, \$480 (1½ months). 1 unskilled laborer, \$480 (1 month). 1 unskilled laborer, \$480 (½ month). 1 messenger boy, \$480 (1 month). 1 messenger boy, \$480 (½ month). 1 messenger boy, \$480 (½ month). 4 messenger boys, at \$360 each. 1 messenger boy, \$360 (11½ months). 1 messenger boy, \$360 (5½ months). 1 messenger boy, \$360 (3½ months). 1 messenger boy, \$360 (3½ months). 1 messenger boy, \$360 (½ month). 125 temporary emergency employments. Total expenditures, 1915..... \$584,026.03		
Total estimate, 1917 \$636,720.00 Total appropriation, 1916 599,660.00 Increase 37,060.00			
Special observations and reports, 1917, \$133,540.	Special observations and reports, 1915, \$120,000, less \$5,500 transferred to miscellaneous station expenses; net amount, \$114,500. Salaries..... \$99,183.22 As follows: Out of Washington— 28 special meteorological observers, at \$25 per month each. 9 special meteorological observers, at \$25 per month each (5½ months). 1 special meteorological observer, \$20 per month. 1 special meteorological observer, \$15 per month. 1 special meteorological observer, \$15 per month (3 months). 1 special meteorological observer, \$10 per month. 1 special meteorological observer, \$10 per month (8 months).		
Salaries..... \$115,370.00 As follows: Out of Washington— 14 special meteorological observers, at \$50 per month each. 32 special meteorological observers, at \$25 per month each. 1 special meteorological observer, \$20 per month. 1 special meteorological observer, \$15 per month. 1 special meteorological observer, \$15 per month (3 months). 1 special meteorological observer, \$10 per month. 1 special meteorological observer, \$10 per month (8 months).			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Weather Bureau—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Special observations and reports, 1917, \$133,540.		
<p>Out of Washington—Continued.</p> <p>1 special meteorological observer, \$10 per month (3 months).</p> <p>1 special meteorological observer, \$7.50 per month.</p> <p>2 special meteorological and river observers, at \$12 per month each (8 months) and \$7.50 per month each (4 months).</p> <p>7 special meteorological observers, at 25 cents per observation.</p> <p>1 special meteorological and cotton-region observer, 25 cents per observation.</p> <p>68 special marine observers, at 50 cents per observation.</p> <p>4 special fruit district observers, at \$15 per month each.</p> <p>1 special fruit district observer, \$13 per month.</p> <p>7 special fruit district observers, at \$11 per month each.</p> <p>16 special fruit district observers, at \$10 per month each.</p> <p>3 special fruit district observers, at \$10 per month each (8 months).</p> <p>17 special fruit district observers, at \$10 per month each (6 months).</p> <p>1 special fruit district observer, \$10 per month (5 months).</p> <p>7 special fruit district observers, at \$10 per month each (3 months).</p> <p>1 special fruit district observer, \$10 per month (3½ months).</p> <p>5 special fruit district observers, at \$10 per month each (2½ months).</p> <p>4 special fruit district observers, at \$10 per month each (2 months).</p> <p>1 special fruit district and river observer, \$10 per month (6 months) and \$5 per month (6 months).</p> <p>1 special cranberry marsh observer, \$25 per month (6 months).</p> <p>1 special cranberry marsh observer, \$20 per month (5 months).</p> <p>2 special cranberry marsh observers, at \$10 per month each (5 months).</p> <p>4 special cranberry marsh observers, at \$10 per month each (4½ months).</p> <p>1 special cranberry marsh observer, \$10 per month (3 months).</p> <p>4 special tobacco district observers, at \$10 per month each (2 months).</p> <p>8 special tobacco district observers, at \$10 per month each (1 month).</p> <p>3 special alfalfa district observers, at \$10 per month each (1 month).</p> <p>1 special fruit and tomato district observer, \$10 per month (3 months).</p> <p>1 special tomato district observer, \$10 per month (1 month).</p> <p>1 cotton region and special meteorological observer, \$10 per month.</p> <p>10 cotton region and rainfall observers, at \$7.50 per month each (7 months) and \$4 per month each (5 months).</p> <p>15 cotton region and rainfall observers, at 25 cents per observation (Apr. 16 to Oct. 31).</p> <p>18 cotton region and river observers, at \$15 per month each (7 months) and \$10 per month each (5 months).</p> <p>4 cotton region and river observers, at \$15 per month each (7 months) and \$7 per month each (5 months).</p> <p>2 cotton region and river observers, at \$15 per month each.</p> <p>1 cotton region and river observer, \$10 per month.</p> <p>1 cotton region and river observer, 25 cents per observation (Apr. 16 to Oct. 31).</p> <p>106 cotton region observers, at 25 cents per observation (Apr. 16 to Oct. 31).</p> <p>5 special fire-wind district observers, at \$10 per month each.</p> <p>2 sugar and rice region and river observers, at \$10 per month each (5 months) and \$15 per month each (7 months).</p>	<p>Special observations and reports, 1915, \$120,000, less \$5,500 transferred to miscellaneous station expenses; net amount, \$114,500.</p>	
<p>Out of Washington—Continued.</p> <p>1 special meteorological observer, \$10 per month (3 months).</p> <p>1 special meteorological observer, \$7.50 per month.</p> <p>2 special meteorological and river observers, at \$12 per month each (8 months) and \$7.50 per month each (4 months).</p> <p>7 special meteorological observers, at 25 cents per observation.</p> <p>1 special meteorological and cotton-region observer, 25 cents per observation.</p> <p>53 special marine observers, at 50 cents per observation.</p> <p>4 special fruit district observers, at \$15 per month each.</p> <p>1 special fruit district observer, \$13 per month.</p> <p>7 special fruit district observers, at \$11 per month each.</p> <p>12 special fruit district observers, at \$10 per month each.</p> <p>3 special fruit district observers, at \$10 per month each (8 months).</p> <p>11 special fruit district observers, at \$10 per month each (6 months).</p> <p>1 special fruit district observer, \$10 per month (5 months).</p> <p>7 special fruit district observers, at \$10 per month each (3 months).</p> <p>1 special fruit district observer, \$10 per month (3½ months).</p> <p>5 special fruit district observers, at \$10 per month each (2½ months).</p> <p>4 special fruit district observers, at \$10 per month each (2 months).</p> <p>1 special fruit district and river observer, \$10 per month (6 months) and \$5 per month (6 months).</p> <p>1 special cranberry marsh observer, \$25 per month (6 months).</p> <p>1 special cranberry marsh observer, \$20 per month (5 months).</p> <p>2 special cranberry marsh observers, at \$10 per month each (5 months).</p> <p>4 special cranberry marsh observers, at \$10 per month each (4½ months).</p> <p>1 special cranberry marsh observer, \$10 per month (3 months).</p> <p>4 special tobacco district observers, at \$10 per month each (2 months).</p> <p>8 special tobacco district observers, at \$10 per month each (1 month).</p> <p>3 special alfalfa district observers, at \$10 per month each (1 month).</p> <p>1 special fruit and tomato district observer, \$10 per month (3 months).</p> <p>1 special tomato district observer, \$10 per month (1 month).</p> <p>1 cotton region and special meteorological observer, \$10 per month.</p> <p>10 cotton region and rainfall observers, at \$7.50 per month each (7 months) and \$4 per month each (5 months).</p> <p>15 cotton region and rainfall observers, at 25 cents per observation (Apr. 16 to Oct. 31).</p> <p>18 cotton region and river observers, at \$15 per month each (7 months) and \$10 per month each (5 months).</p> <p>4 cotton region and river observers, at \$15 per month each (7 months) and \$7 per month each (5 months).</p> <p>2 cotton region and river observers, at \$15 per month each.</p> <p>1 cotton region and river observer, \$10 per month.</p> <p>1 cotton region and river observer, 25 cents per observation (Apr. 16 to Oct. 31).</p> <p>106 cotton region observers, at 25 cents per observation (Apr. 16 to Oct. 31).</p> <p>6 cotton region observers, at 25 cents per observation (July 1 to Oct. 31).</p> <p>2 sugar and rice region and river observers, at \$10 per month each (5 months) and \$15 per month each (7 months).</p>	<p>Out of Washington—Continued.</p> <p>1 special meteorological observer, \$10 per month (3 months).</p> <p>1 special meteorological observer, \$7.50 per month.</p> <p>2 special meteorological and river observers, at \$12 per month each (8 months) and \$7.50 per month each (4 months).</p> <p>7 special meteorological observers, at 25 cents per observation.</p> <p>1 special meteorological and cotton-region observer, 25 cents per observation.</p> <p>53 special marine observers, at 50 cents per observation.</p> <p>4 special fruit district observers, at \$15 per month each.</p> <p>1 special fruit district observer, \$13 per month.</p> <p>7 special fruit district observers, at \$11 per month each.</p> <p>12 special fruit district observers, at \$10 per month each.</p> <p>3 special fruit district observers, at \$10 per month each (8 months).</p> <p>11 special fruit district observers, at \$10 per month each (6 months).</p> <p>1 special fruit district observer, \$10 per month (5 months).</p> <p>7 special fruit district observers, at \$10 per month each (3 months).</p> <p>1 special fruit district observer, \$10 per month (3½ months).</p> <p>5 special fruit district observers, at \$10 per month each (2½ months).</p> <p>4 special fruit district observers, at \$10 per month each (2 months).</p> <p>1 special fruit district and river observer, \$10 per month (6 months) and \$5 per month (6 months).</p> <p>1 special cranberry marsh observer, \$25 per month (6 months).</p> <p>1 special cranberry marsh observer, \$20 per month (5 months).</p> <p>2 special cranberry marsh observers, at \$10 per month each (5 months).</p> <p>4 special cranberry marsh observers, at \$10 per month each (4½ months).</p> <p>1 special cranberry marsh observer, \$10 per month (3 months).</p> <p>4 special tobacco district observers, at \$10 per month each (2 months).</p> <p>8 special tobacco district observers, at \$10 per month each (1 month).</p> <p>3 special alfalfa district observers, at \$10 per month each (1 month).</p> <p>1 special fruit and tomato district observer, \$10 per month (3 months).</p> <p>1 special tomato district observer, \$10 per month (1 month).</p> <p>1 cotton region and special meteorological observer, \$10 per month.</p> <p>10 cotton region and rainfall observers, at \$7.50 per month each (7 months) and \$4 per month each (5 months).</p> <p>15 cotton region and rainfall observers, at 25 cents per observation (Apr. 16 to Oct. 31).</p> <p>18 cotton region and river observers, at \$15 per month each (7 months) and \$10 per month each (5 months).</p> <p>4 cotton region and river observers, at \$15 per month each (7 months) and \$7 per month each (5 months).</p> <p>2 cotton region and river observers, at \$15 per month each.</p> <p>1 cotton region and river observer, \$10 per month.</p> <p>1 cotton region and river observer, 25 cents per observation (Apr. 16 to Oct. 31).</p> <p>106 cotton region observers, at 25 cents per observation (Apr. 16 to Oct. 31).</p> <p>6 cotton region observers, at 25 cents per observation (July 1 to Oct. 31).</p> <p>2 sugar and rice region and river observers, at \$10 per month each (5 months) and \$15 per month each (7 months).</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Weather Bureau—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Special observations and reports, 1917, \$133,540.	Special observations and reports, 1915, \$120,000, less \$5,500 transferred to miscellaneous station expenses; net amount, \$114,500.	
<p>Out of Washington—Continued.</p> <p>1 corn and wheat region and river observer, \$15 per month.</p> <p>1 corn and wheat region and river observer, \$15 per month (6 months) and \$10 per month (6 months).</p> <p>1 corn and wheat region and river observer, \$15 per month (4 months) and \$10 per month (8 months).</p> <p>1 corn and wheat region and river observer, \$15 per month (7 months) and \$7 per month (5 months).</p> <p>1 corn and wheat region and river observer, \$15 per month (6 months) and \$7 per month (6 months).</p> <p>1 corn and wheat region and river observer, \$13 per month (3 months), \$7.50 per month (3 months), and \$7 per month (4 months).</p> <p>1 corn and wheat region and river observer, \$11 per month (3 months) and \$7.50 per month (4 months).</p> <p>123 corn and wheat region observers, at 25 cents per observation (Apr. 1 to Sept. 30).</p> <p>2 corn and wheat region and river observers, at 25 cents per observation (Apr. 1 to Sept. 30).</p> <p>26 corn and wheat region and rainfall observers, at 25 cents per observation (Apr. 1 to Sept. 30).</p> <p>1 special meteorological observer and storm warning displayman, \$25 per month (5 months) and \$7 per month (7 months).</p> <p>1 special meteorological observer and storm warning displayman, \$20 per month (5 months) and \$15 per month (7 months).</p> <p>1 special river observer and storm warning displayman, \$15 per month.</p> <p>1 special displayman, \$25 per month.</p> <p>2 storm warning displaymen, at \$25 per month each.</p> <p>1 storm warning displayman, \$20 per month.</p> <p>1 storm warning displayman, \$20 per month (7½ months).</p> <p>1 storm warning displayman, \$18 per month.</p> <p>8 storm warning displaymen, at \$15 per month each.</p> <p>2 storm warning displaymen, at \$16 per month each (7½ months).</p> <p>2 storm warning displaymen, at \$15 per month each (7½ months).</p> <p>1 storm warning displayman, \$14.25 per month.</p> <p>1 storm warning displayman, \$14 per month.</p> <p>2 storm warning displaymen, at \$13 per month each.</p> <p>2 storm warning displaymen, at \$12.50 per month each.</p> <p>5 storm warning displaymen, at \$12 per month each.</p> <p>2 storm warning displaymen, at \$12 per month each (7½ months).</p> <p>4 storm warning displaymen, at \$11 per month each.</p> <p>1 storm warning displayman, \$11 per month (7½ months).</p> <p>2 storm warning displaymen, at \$10.50 per month each.</p> <p>1 storm warning displayman, \$10.50 per month (7½ months).</p> <p>35 storm warning displaymen, at \$10 per month each.</p> <p>53 storm warning displaymen, at \$10 per month each (7½ months).</p> <p>1 storm warning displayman, \$10 per month (6 months) and \$5 per month (6 months).</p> <p>2 storm warning displaymen, at \$10 per month each (6 months).</p> <p>2 storm warning displaymen, at \$9.25 per month each.</p> <p>8 storm warning displaymen, at \$9 per month each (7½ months).</p> <p>4 storm warning displaymen, at \$8 per month each.</p>	<p>Out of Washington—Continued.</p> <p>1 corn and wheat region and river observer, \$15 per month.</p> <p>1 corn and wheat region and river observer, \$15 per month (6 months) and \$10 per month (6 months).</p> <p>1 corn and wheat region and river observer, \$15 per month (4 months) and \$10 per month (8 months).</p> <p>1 corn and wheat region and river observer, \$15 per month (7 months) and \$7 per month (5 months).</p> <p>1 corn and wheat region and river observer, \$15 per month (6 months) and \$7 per month (6 months).</p> <p>1 corn and wheat region and river observer, \$13 per month (3 months), \$7.50 per month (3 months), and \$7 per month (4 months).</p> <p>1 corn and wheat region and river observer, \$11 per month (3 months) and \$7.50 per month (4 months).</p> <p>123 corn and wheat region observers, at 25 cents per observation (Apr. 1 to Sept. 30).</p> <p>12 corn and wheat region observers, at 25 cents per observation (July 1 to Sept. 30).</p> <p>2 corn and wheat region and river observers, at 25 cents per observation (Apr. 1 to Sept. 30).</p> <p>26 corn and wheat region and rainfall observers, at 25 cents per observation (Apr. 1 to Sept. 30).</p> <p>1 special meteorological observer and storm warning displayman, \$25 per month (5 months) and \$7 per month (7 months).</p> <p>1 special meteorological observer and storm warning displayman, \$20 per month (5 months) and \$15 per month (7 months).</p> <p>1 special river observer and storm warning displayman, \$15 per month.</p> <p>1 special displayman, \$25 per month.</p> <p>2 storm warning displaymen, at \$25 per month each.</p> <p>1 storm warning displayman, \$20 per month.</p> <p>1 storm warning displayman, \$20 per month (7½ months).</p> <p>1 storm warning displayman, \$18 per month.</p> <p>8 storm warning displaymen, at \$15 per month each.</p> <p>2 storm warning displaymen, at \$16 per month each (7½ months).</p> <p>2 storm warning displaymen, at \$15 per month each (7½ months).</p> <p>1 storm warning displayman, \$14.25 per month.</p> <p>1 storm warning displayman, \$14 per month.</p> <p>2 storm warning displaymen, at \$13 per month each.</p> <p>2 storm warning displaymen, at \$12.50 per month each.</p> <p>5 storm warning displaymen, at \$12 per month each.</p> <p>2 storm warning displaymen, at \$12 per month each (7½ months).</p> <p>4 storm warning displaymen, at \$11 per month each.</p> <p>1 storm warning displayman, \$11 per month (7½ months).</p> <p>2 storm warning displaymen, at \$10.50 per month each.</p> <p>1 storm warning displayman, \$10.50 per month (7½ months).</p> <p>35 storm warning displaymen, at \$10 per month each.</p> <p>53 storm warning displaymen, at \$10 per month each (7½ months).</p> <p>1 storm warning displayman, \$10 per month (6 months) and \$5 per month (6 months).</p> <p>2 storm warning displaymen, at \$10 per month each (6 months).</p> <p>2 storm warning displaymen, at \$9.25 per month each.</p> <p>8 storm warning displaymen, at \$9 per month each (7½ months).</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Weather Bureau—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p>Special observations and reports, 1917, \$133,540.</p>	<p>Special observations and reports, 1915, \$120,000, less \$5,500 transferred to miscellaneous station expenses; net amount, \$114,500.</p>	
<p>Out of Washington—Continued.</p> <p>2 storm warning displaymen, at \$8 per month each (7½ months).</p> <p>1 storm warning displayman, \$7.75 per month.</p> <p>4 storm warning displaymen, at \$7 per month each.</p> <p>1 storm warning displayman, \$6.25 per month.</p> <p>1 storm warning displayman, \$6 per month.</p> <p>2 storm warning displaymen, at \$6 per month each (7½ months).</p> <p>1 storm warning displayman, \$5.25 per month.</p> <p>26 storm warning displaymen, at \$5 per month each.</p> <p>3 storm warning displaymen, at \$5 per month each (7½ months).</p> <p>2 storm warning displaymen, at \$4 per month each.</p> <p>1 storm warning displayman, \$2.25 per month.</p> <p>1 river observer, \$25 per month (11 months).</p> <p>river observers, at \$16 per month each.</p> <p>5 river observers, at \$15 per month each.</p> <p>1 river observer, \$15 per month (6 months) and \$10 per month (6 months).</p> <p>1 river observer, \$15 per month (9 months).</p> <p>2 river observers, at \$13.50 per month each.</p> <p>2 river observers, at \$13 per month each (6 months) and \$10 per month each (2 months).</p> <p>3 river observers, at \$12.50 per month each.</p> <p>1 river observer, \$12.50 per month (5 months).</p> <p>1 river observer, \$12 per month.</p> <p>2 river observers, at \$11 per month each.</p> <p>94 river observers, at \$10 per month each.</p> <p>2 river observers, at \$10 per month each (9 months).</p> <p>1 river observer, \$11 per month (10 months) and \$10 per month (2 months).</p> <p>2 river observers, at \$10 per month each (6 months).</p> <p>2 river observers, at \$10 per month each (5 months) and \$7 per month each (7 months).</p> <p>1 river observer, \$10 per month (5 months).</p> <p>1 river observer, \$10 per month (5 months) and \$7 per month (3 months).</p> <p>6 river observers, at \$10 per month each (8 months).</p> <p>24 river observers, at \$10 per month each (7 months).</p> <p>12 river observers, at \$10 per month each (7 months) and \$7 per month each (5 months).</p> <p>1 river observer, \$10 per month (4½ months) and \$7 per month (7½ months).</p> <p>1 river observer, \$10 per month (7½ months).</p> <p>2 river observers, at \$10 per month each (6 months) and \$7 per month each (6 months).</p> <p>1 river observer, \$10 per month (4 months).</p> <p>1 river observer, \$9.50 per month.</p> <p>1 river observer, \$9 per month.</p> <p>1 river observer, \$10 per month (8 months) and \$7 per month (4 months).</p> <p>2 river observers, at \$7.50 per month each.</p> <p>3 river observers, at \$7.50 per month each (9 months).</p> <p>1 river observer, \$10 per month (4 months) and \$7 per month (8 months).</p>	<p>Out of Washington—Continued.</p> <p>1 storm warning displayman, \$9 per month (2½ months).</p> <p>4 storm warning displaymen, at \$8 per month each.</p> <p>2 storm warning displaymen, at \$8 per month each (7½ months).</p> <p>1 storm warning displayman, \$7.75 per month.</p> <p>4 storm warning displaymen, at \$7 per month each.</p> <p>1 storm warning displayman, \$6.25 per month.</p> <p>1 storm warning displayman, \$6 per month.</p> <p>2 storm warning displaymen, at \$6 per month each (7½ months).</p> <p>1 storm warning displayman, \$5.25 per month.</p> <p>26 storm warning displaymen, at \$5 per month each.</p> <p>3 storm warning displaymen, at \$5 per month each (7½ months).</p> <p>2 storm warning displaymen, at \$4 per month each.</p> <p>1 storm warning displayman, \$2.25 per month.</p> <p>1 river observer, \$25 per month (11 months).</p> <p>4 river observers, at \$16 per month each.</p> <p>5 river observers, at \$15 per month each.</p> <p>1 river observer, \$15 per month (6 months) and \$10 per month (6 months).</p> <p>1 river observer, \$15 per month (9 months).</p> <p>2 river observers, at \$13.50 per month each.</p> <p>2 river observers, at \$13 per month each (6 months) and \$10 per month each (2 months).</p> <p>3 river observers, at \$12.50 per month each.</p> <p>1 river observer, \$12.50 per month (5 months).</p> <p>1 river observer, \$12 per month.</p> <p>2 river observers, at \$11 per month each.</p> <p>90 river observers, at \$10 per month each.</p> <p>2 river observers, at \$10 per month each (9 months).</p> <p>1 river observer, \$11 per month (10 months) and \$10 per month (2 months).</p> <p>2 river observers, at \$10 per month each (6 months).</p> <p>2 river observers, at \$10 per month each (5 months) and \$7 per month each (7 months).</p> <p>1 river observer, \$10 per month (5 months).</p> <p>1 river observer, \$10 per month (5 months) and \$7 per month (3 months).</p> <p>6 river observers, at \$10 per month each (8 months).</p> <p>24 river observers, at \$10 per month each (7 months).</p> <p>12 river observers, at \$10 per month each (7 months) and \$7 per month each (5 months).</p> <p>1 river observer, \$10 per month (4½ months) and \$7 per month (7½ months).</p> <p>1 river observer, \$10 per month (7½ months).</p> <p>2 river observers, at \$10 per month each (6 months) and \$7 per month each (6 months).</p> <p>1 river observer, \$10 per month (4 months).</p> <p>1 river observer, \$9.50 per month.</p> <p>1 river observer, \$9 per month.</p> <p>1 river observer, \$10 per month (8 months) and \$7 per month (4 months).</p> <p>2 river observers, at \$7.50 per month each.</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Weather Bureau—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Special observations and reports, 1917, \$133,540.	Special observations and reports, 1915, \$120,000, less \$5,500 transferred to miscellaneous station expenses; net amount, \$114,500.	
<p>Out of Washington—Continued.</p> <p>1 river observer, \$10 per month (6 months) and \$7 per month (2 months).</p> <p>72 river observers, at \$7 per month each.</p> <p>1 river observer, \$7 per month (6 months) and \$4 per month (6 months).</p> <p>5 river observers, at \$7 per month each (7½ months).</p> <p>12 river observers, at \$7 per month each (7 months).</p> <p>1 river observer, \$7 per month (6 months) and \$2 per month (6 months).</p> <p>15 river observers, at \$7 per month each (6 months).</p> <p>18 river observers, at \$7 per month each (4 months).</p> <p>1 river observer, \$7 per month (4½ months).</p> <p>1 river observer, \$7.50 per month (5 months).</p> <p>18 river observers, at \$7 per month each (3 months).</p> <p>1 river observer, \$6 per month.</p> <p>1 river observer, \$6 per month (9 months).</p> <p>1 river observer, \$6 per month (3 months).</p> <p>10 river observers, at \$5 per month each (6 months).</p> <p>1 river observer, \$5 per month (2 months).</p> <p>18 river observers, at \$5 per month each.</p> <p>1 river observer, \$5 per month (5 months) and \$3 per month (7 months).</p> <p>6 river observers, at \$5 per month each (4 months).</p> <p>4 river observers, at \$5 per month each (8 months).</p> <p>5 river observers, at \$5 per month each (6 months) and \$3 per month each (6 months).</p> <p>3 river observers, at \$5 per month each (6 months) and \$2.50 per month each (6 months).</p> <p>1 river observer, \$5 per month (9 months).</p> <p>7 river observers, at \$5 per month each (3 months).</p> <p>4 river observers, at \$4 per month each.</p> <p>1 river observer, \$4 per month (7½ months).</p> <p>1 river observer, \$4 per month (3 months).</p> <p>5 river observers, at \$3 per month each.</p> <p>1 river observer, \$3 per month (4 months) and \$1 per month (8 months).</p> <p>1 river observer, \$2 per month.</p> <p>1 river observer, \$1 per month.</p> <p>1 river observer, \$2 per report.</p> <p>8 river observers, at \$1 per observation.</p> <p>12 river observations, at \$1 per report.</p> <p>34 river observers, at 50 cents per observation.</p> <p>2 mountain snowfall observers, at \$10 per month each.</p> <p>57 mountain snowfall observers, at \$10 per month each (6 months).</p> <p>1 mountain snowfall observer, \$10 per month (3 months) and \$5 per month (9 months).</p> <p>1 mountain snowfall observer, \$9 per month (6 months).</p> <p>3 mountain snowfall observers, at \$7.50 per month each (8 months).</p> <p>69 mountain snowfall observers, at \$7 per month each (6 months) and \$3 per month each (6 months).</p> <p>5 mountain snowfall observers, at \$7 per month each (6 months).</p> <p>1 mountain snowfall observer, \$6 per month (8 months) and \$3 per month (4 months).</p>	<p>Out of Washington—Continued.</p> <p>3 river observers, at \$7.50 per month each (9 months).</p> <p>1 river observer, \$10 per month (4 months) and \$7 per month (8 months).</p> <p>1 river observer, \$10 per month (6 months) and \$7 per month (2 months).</p> <p>72 river observers, at \$7 per month each.</p> <p>1 river observer, \$7 per month (6 months) and \$4 per month (6 months).</p> <p>5 river observers, at \$7 per month each (7½ months).</p> <p>12 river observers, at \$7 per month each (7 months).</p> <p>1 river observer, \$7 per month (6 months) and \$2 per month (6 months).</p> <p>15 river observers, at \$7 per month each (6 months).</p> <p>18 river observers, at \$7 per month each (4 months).</p> <p>1 river observer, \$7 per month (4½ months).</p> <p>1 river observer, \$7.50 per month (5 months).</p> <p>18 river observers, at \$7 per month each (3 months).</p> <p>1 river observer, \$6 per month.</p> <p>1 river observer, \$6 per month (9 months).</p> <p>1 river observer, \$6 per month (3 months).</p> <p>10 river observers, at \$5 per month each (6 months).</p> <p>1 river observer, \$5 per month (2 months).</p> <p>18 river observers, at \$5 per month each.</p> <p>1 river observer, \$5 per month (5 months) and \$3 per month (7 months).</p> <p>6 river observers, at \$5 per month each (4 months).</p> <p>4 river observers, at \$5 per month each (8 months).</p> <p>5 river observers, at \$5 per month each (6 months) and \$3 per month each (6 months).</p> <p>3 river observers, at \$5 per month each (6 months) and \$2.50 per month each (6 months).</p> <p>1 river observer, \$5 per month (9 months).</p> <p>7 river observers, at \$5 per month each (3 months).</p> <p>4 river observers, at \$4 per month each.</p> <p>1 river observer, \$4 per month (7½ months).</p> <p>1 river observer, \$4 per month (3 months).</p> <p>5 river observers, at \$3 per month each.</p> <p>1 river observer, \$3 per month (4 months) and \$1 per month (8 months).</p> <p>1 river observer, \$2 per month.</p> <p>1 river observer, \$1 per month.</p> <p>8 river observers, at \$1 per observation.</p> <p>12 river observers, at \$1 per report.</p> <p>26 river observers, at 50 cents per observation.</p> <p>2 mountain snowfall observers, at \$10 per month each.</p> <p>57 mountain snowfall observers, at \$10 per month each (6 months).</p> <p>1 mountain snowfall observer, \$10 per month (4 months).</p> <p>1 mountain snowfall observer, \$10 per month (3 months) and \$5 per month (9 months).</p> <p>1 mountain snowfall observer, \$9 per month (6 months).</p> <p>3 mountain snowfall observers, at \$7.50 per month each (8 months).</p> <p>72 mountain snowfall observers, at \$7 per month each (6 months) and \$3 per month each (6 months).</p> <p>5 mountain snowfall observers, at \$7 per month each (6 months).</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Weather Bureau—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Special observations and reports, 1917, \$133,540.			
<p>Out of Washington—Continued.</p> <p>3 mountain snowfall observers, at \$6 per month each (6 months) and \$3 per month each (6 months).</p> <p>7 mountain snowfall observers, at \$5 per month each.</p> <p>2 mountain snowfall observers, at \$5 per month each (7 months).</p> <p>12 mountain snowfall observers, at \$5 per month each (6 months) and \$3 per month each (6 months).</p> <p>3 mountain snowfall observers, at \$5 per month each (6 months).</p> <p>1 mountain snowfall observer, \$3 per month.</p> <p>2 mountain snowfall observers, at \$3 per month each (8 months).</p> <p>4 mountain snowfall observers, at \$2.50 per month each.</p> <p>11 mountain snowfall observers, at \$2 per month each.</p> <p>22 rainfall observers, at \$4 per month each.</p> <p>1 rainfall observer, \$4 per month (5 months) and \$6 per month (1 month).</p> <p>3 rainfall observers, at \$4 per month each (6 months).</p> <p>13 rainfall observers, at \$3 per month each.</p> <p>1 rainfall observer, \$3 per month (9 months).</p> <p>1 rainfall observer, \$1.25 per observation.</p> <p>80 rainfall observers, at 50 cents per observation.</p> <p>7 rainfall observers, at 25 cents per observation.</p> <p>7 sugar and rice region observers, at 25 cents per observation (Apr. 16 to Oct. 31).</p> <p>12 cattle region observers, at 25 cents per observation (Apr. 16 to Oct. 31).</p> <p>3 broom-corn region observers, at 25 cents per observation (Apr. 16 to Oct. 31).</p> <p>4 snow and ice observers, at 50 cents per observation (Dec. 1 to Mar. 31).</p> <p>1 lake observer, \$1.25 per month.</p> <p>13 flood warning observers, at \$2 per warning.</p>			
Supplies and equipment.....	\$5,500.00		
Miscellaneous expenses.....	12,670.00		
Total estimate, 1917.....	133,540.00		
Total appropriation, 1916.....	122,170.00		
Increase.....	11,370.00		
Special observations and reports, 1915, \$120,000, less \$5,500 transferred to miscellaneous station expenses; net amount, \$114,500.			
<p>Out of Washington—Continued.</p> <p>1 mountain snowfall observer, \$6 per month (8 months) and \$3 per month (4 months).</p> <p>3 mountain snowfall observers, at \$6 per month each (6 months) and \$3 per month each (6 months).</p> <p>8 mountain snowfall observers, at \$5 per month each.</p> <p>2 mountain snowfall observers, at \$5 per month each (7 months).</p> <p>12 mountain snowfall observers, at \$5 per month each (6 months) and \$3 per month each (6 months).</p> <p>3 mountain snowfall observers, at \$5 per month each (6 months).</p> <p>1 mountain snowfall observer, \$3 per month.</p> <p>2 mountain snowfall observers, at \$3 per month each (8 months).</p> <p>5 mountain snowfall observers, at \$2.50 per month each.</p> <p>11 mountain snowfall observers, at \$2 per month each.</p> <p>22 rainfall observers, at \$4 per month each.</p> <p>1 rainfall observer, \$4 per month (5 months) and \$6 per month (1 month).</p> <p>3 rainfall observers, at \$4 per month each (6 months).</p> <p>13 rainfall observers, at \$3 per month each.</p> <p>1 rainfall observer, \$3 per month (9 months).</p> <p>1 rainfall observer, \$1.25 per observation.</p> <p>72 rainfall observers, at 50 cents per observation.</p> <p>7 rainfall observers, at 25 cents per observation.</p> <p>7 sugar and rice region observers, at 25 cents per observation (Apr. 16 to Oct. 31).</p> <p>12 cattle region observers, at 25 cents per observation (Apr. 16 to Oct. 31).</p> <p>3 broom corn region observers, at 25 cents per observation (Apr. 16 to Oct. 31).</p> <p>4 snow and ice observers, at 50 cents per observation (Dec. 1 to Mar. 31).</p> <p>1 lake observer, \$1.25 per month.</p> <p>13 flood warning observers, at \$2 per warning.</p>			
Supplies and equipment.....	\$4,967.80		
Miscellaneous expenses.....	8,693.60		
Total expenditures, 1915.....	112,844.62		
Telegraphing and telephoning, 1917, \$293,900.			
Miscellaneous expenses.....		\$293,900.00	
Total estimate, 1917.....	293,900.00		
Total appropriation, 1916.....	279,000.00		
Increase.....	14,900.00		
Telegraphing and telephoning, 1915, \$275,000, less \$40,000 transferred to miscellaneous station expenses; net amount, \$235,000.			
Miscellaneous expenses.....		\$234,393.20	
Total expenditures, 1915.....	234,393.20		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Weather Bureau—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Miscellaneous station expenses, 1917, \$195,990.	Miscellaneous station expenses, 1915, \$173,000, plus \$12,200 transferred from central office expenses, \$6,500 transferred from station salaries, \$5,500 transferred from special observations and reports, \$40,000 transferred from telegraphing and telephoning, \$13,000 transferred from traveling expenses, and \$2,600 transferred from printing office; less \$300 transferred to Neah Bay building; net amount, \$252,500.		
Supplies and equipment..... \$85,000.00	Supplies and equipment..... \$85,502.25		
Miscellaneous expenses..... 110,990.00	Miscellaneous expenses..... 155,144.03		
Total estimate, 1917..... 195,990.00	Total expenditures, 1915..... 240,646.28		
Total appropriation, 1916..... 184,320.00			
Increase..... 11,670.00			
Traveling expenses, 1917, \$24,000.	Traveling expenses, 1915, \$30,000, less \$13,000 transferred to miscellaneous station expenses; net amount, \$17,000.		
Traveling expenses..... \$24,000.00	Traveling expenses..... \$15,739.33		
Total estimate, 1917..... 24,000.00	Total expenditures, 1915..... 15,739.33		
Total appropriation, 1916..... 24,000.00			
Cape Henry building, 1917, \$25,000.	Neah Bay building, 1915, \$3,000, plus \$300 transferred from miscellaneous station expenses; total amount, \$3,300.		
Purchase of site and erection of building.. \$25,000.00	Plans and specifications, etc..... \$123.00		
Total estimate, 1917..... 25,000.00	Contract for erection of building..... 3,149.50		
NOTE.—No appropriation for 1916.	Ventilator..... 7.00		
	Pipes for gas generator..... 13.50		
	Total expenditures, 1915..... 3,293.00		
Panama Canal region building, 1917, \$25,000.	No appropriation for 1915.		
Erection of building..... \$25,000.00			
Total estimate, 1917..... 25,000.00			
NOTE.—No appropriation for 1916.			
Total for Weather Bureau (increase \$132,560)		\$1,798,610.00	\$1,666,050.00
BUREAU OF ANIMAL INDUSTRY.			
<i>Salaries, Bureau of Animal Industry—</i>			
(1) One chief of bureau (<i>R. S.</i> , p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1089, sec. 1)	\$5,000.00		
(2) One chief clerk (<i>same acts</i>)	2,500.00		
(3) One editor and compiler (<i>same acts</i>)	2,250.00		
(4) One executive clerk (by transfer of 1 assistant chief of miscellaneous division, \$2,000, from lump fund for administrative expenses, with change of title) (<i>same acts</i>)	2,000.00		
NOTE.—This change in designation is recommended in order to have the title of this employee conform more closely to the character of the work performed.			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Bureau of Animal Industry—Continued.</i>		
(5) One executive clerk (in lieu of 1 clerk class 4, with increase of \$120) (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1089, sec. 1.</i>)	\$1, 920. 00	
NOTE.—This employee is in charge of and has supervision of the force engaged in the accounting work of the bureau. He has been connected with the bureau for 15 years, has had no advance in salary for 8 years, is highly efficient, and deserves the small increase recommended. His title has been changed from clerk of class 4 to executive clerk to better describe his duties.		
(6) Five clerks, class 4 (decrease of 1 by change to 1 executive clerk at \$1,920) (<i>same acts</i>)	9, 000. 00	
(7) One clerk (<i>same acts</i>)	1, 680. 00	
(8) Thirteen clerks, class 3 (<i>same acts</i>)	20, 800. 00	
(9) Two clerks, at \$1,500 each (<i>same acts</i>)	3, 000. 00	
(10) Twenty-three clerks, class 2 (<i>same acts</i>)	32, 200. 00	
(11) Two clerks, at \$1,380 each (<i>same acts</i>)	2, 760. 00	
(12) Three clerks, at \$1,320 each (<i>same acts</i>)	3, 960. 00	
(13) One clerk (<i>same acts</i>)	1, 300. 00	
(14) One clerk (<i>same acts</i>)	1, 260. 00	
(15) Forty-five clerks, class 1 (increase of 3 by transfer from lump funds for dairy industry, eradication of hog cholera, and meat inspection) (<i>same acts</i>)	54, 000. 00	
(16) One clerk (<i>same acts</i>)	1, 100. 00	
(17) One clerk (<i>same acts</i>)	1, 080. 00	
(18) Fifty-six clerks, at \$1,000 each (increase of 6, 1 by transfer from lump fund for dairy industry, 1 from diseases of animals, 1 from control of viruses, etc., and 3 from meat inspection) (<i>same acts</i>)	56, 000. 00	
(19) Two clerks, at \$960 each (<i>same acts</i>)	1, 920. 00	
(20) Ninety-four clerks, at \$900 each (increase of 29, 1 by transfer from lump fund for eradicating cattle ticks, 8 from eradicating hog cholera, 1 from control of viruses, etc., and 19 from meat inspection) (<i>same acts</i>)	84, 600. 00	
(21) One architect (<i>same acts</i>)	2, 000. 00	
[One architect, \$900, transferred to lump fund for rural engineering Office of Public Roads.]		
(22) One illustrator (<i>same acts</i>)	1, 400. 00	
(23) One laboratory helper (<i>same acts</i>)	1, 200. 00	
(24) Two laboratory helpers, at \$1,020 each (increase of 1 by transfer of 1 laboratory aid at \$1,020 from lump fund for meat inspection with change of title), (<i>same acts</i>)	2, 040. 00	
NOTE.—This change in designation is recommended in order to have the title of this employee conform more closely to the character of the work performed.		
(25) One laboratory helper (decrease of 1 by transfer to statutory roll of Secretary's office) (<i>same acts</i>)	840. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Bureau of Animal Industry—Continued.</i>		
(26) One laboratory helper (<i>R. S.</i> , p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1089, sec. 1) -----	\$720. 00	
(27) Two laboratory helpers, at \$600 each (increase of 1 by transfer from lump fund for meat inspection) (<i>same acts</i>) -----	1, 200. 00	
(28) One laboratory helper (<i>same acts</i>) -----	480. 00	
(29) One instrument maker (<i>same acts</i>) -----	1, 200. 00	
(30) One carpenter (by transfer from lump fund for dairy industry) (<i>same acts</i>) -----	1, 140. 00	
【One carpenter, \$1,100, transferred to statutory roll of Secretary's office.】		
(31) Two carpenters, at \$1,000 each (<i>same acts</i>) -----	2, 000. 00	
(32) Two messengers and custodians, at \$1,200 each (<i>same acts</i>) -----	2, 400. 00	
(33) One skilled laborer (<i>same acts</i>) -----	1, 000. 00	
(34) Thirty-two skilled laborers, at \$900 each (<i>same acts</i>) -----	28, 800. 00	
(35) Eleven messengers, skilled laborers, or laborers, at \$840 each (<i>same acts</i>) -----	9, 240. 00	
(36) Fourteen messengers, skilled laborers, or laborers, at \$720 each (increase of 1 by transfer of 1 skilled laborer at \$720 from lump fund for meat inspection, with change of title) (<i>same acts</i>) -----	10, 080. 00	
NOTE.—This change in designation is recommended in order to have the title of this employee conform more closely to the character of the work performed.		
【Four laborers, messengers, or messenger boys, at \$660 each, changed to 4 laborers, at \$660 each, as below.】		
(37) Four laborers, at \$660 each (in lieu of 4 laborers, messengers, or messenger boys, at \$660 each) (<i>same acts</i>) -----	2, 640. 00	
NOTE.—Inasmuch as the employees holding the places mentioned above are laborers, the title should be so changed.		
【Eleven laborers, messengers, or messenger boys, at \$600 each, changed to 8 laborers at \$600 each, and 3 messenger boys at \$600 each, as below.】		
(38) Eight laborers, at \$600 each (in lieu of 8 laborers, messengers, or messenger boys, at \$600 each) (<i>same acts</i>) -----	4, 800. 00	
NOTE.—Inasmuch as the employees holding the places mentioned above are laborers, the title should be so changed.		
【Three laborers, messengers, or messenger boys, at \$540 each, changed to 3 laborers at \$540 each, as below.】		
(39) Three laborers, at \$540 each (in lieu of 3 laborers, messengers, or messenger boys, at \$540 each) (<i>same acts</i>) -----	1, 620. 00	
NOTE.—Inasmuch as the employees holding the places mentioned above are laborers, the title should be so changed.		
【Thirty-three laborers, messengers, or messenger boys, at \$480 each, changed to 24 laborers and 9 messenger boys, at \$480 each, as below.】		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.																																								
<i>Salaries, Bureau of Animal Industry—Continued.</i>																																										
(40) Thirty laborers, at \$480 each (24 in lieu of 24 laborers, messengers, or messenger boys, at \$480 each, 4 by transfer from lump fund for diseases of animals and 2 by transfer from lump fund for meat inspection) (<i>R. S. p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1089, sec. 1</i>) -----	\$14,400.00																																									
NOTE.—Inasmuch as the 24 employees holding the places mentioned above are laborers the title should be so changed.																																										
(41) One laborer (by transfer from lump fund for meat inspection) (<i>same acts</i>) -----	240.00																																									
(42) Three messenger boys, at \$600 each (in lieu of 3 laborers, messengers, or messenger boys, at \$600 each) (<i>same acts</i>) -----	1,800.00																																									
NOTE.—Inasmuch as the employees holding the places mentioned above are messenger boys the title should be so changed.																																										
(43) Nine messenger boys, at \$480 each (in lieu of 9 laborers, messengers, or messenger boys, at \$480 each) (<i>same acts</i>) -----	4,320.00																																									
NOTE.—Inasmuch as the employees holding the places mentioned above are messenger boys the title should be so changed.																																										
【Six laborers, messengers, or messenger boys, at \$360 each, changed to 6 messenger boys, at \$360 each, as below.】																																										
(44) Eight messenger boys, at \$360 each (6 in lieu of 6 laborers, messengers, or messenger boys, at \$360 each, and 2 by transfer from lump fund for meat inspection) (<i>same acts</i>) -----	2,880.00																																									
NOTE.—Inasmuch as the 6 employees holding the places named above are messenger boys the title should be so changed.																																										
(45) One watchman (<i>same acts</i>) -----	720.00																																									
(46) One charwoman (<i>same acts</i>) -----	600.00																																									
(47) One charwoman (<i>same acts</i>) -----	540.00																																									
(48) Thirteen charwomen, at \$480 each (increase of 2 by transfer from lump fund for meat inspection) (<i>same acts</i>) -----	6,240.00																																									
(49) Five charwomen, at \$360 each (increase of 1 by transfer from lump fund for meat inspection) (<i>same acts</i>) -----	1,800.00																																									
(50) Two charwomen, at \$300 each (increase of 1 by transfer from lump fund for meat inspection) (<i>same acts</i>) -----	600.00																																									
(51) Five charwomen, at \$240 each (increase of 3 by transfer from lump fund for meat inspection) (<i>same acts</i>) -----	1,200.00																																									
	<hr/> \$398,470.00	<hr/> \$353,830.00																																								
<table><tr><td>Appropriations for 1907.....</td><td>\$84,780</td><td>Estimates for 1908.....</td><td>\$85,280</td></tr><tr><td>Appropriations for 1908.....</td><td>85,280</td><td>Estimates for 1909.....</td><td>84,210</td></tr><tr><td>Appropriations for 1909.....</td><td>83,660</td><td>Estimates for 1910.....</td><td>115,100</td></tr><tr><td>Appropriations for 1910.....</td><td>114,100</td><td>Estimates for 1911.....</td><td>115,920</td></tr><tr><td>Appropriations for 1911.....</td><td>115,920</td><td>Estimates for 1912.....</td><td>494,070</td></tr><tr><td>Appropriations for 1912.....</td><td>347,450</td><td>Estimates for 1913.....</td><td>360,430</td></tr><tr><td>Appropriations for 1913.....</td><td>352,450</td><td>Estimates for 1914.....</td><td>361,500</td></tr><tr><td>Appropriations for 1914.....</td><td>359,250</td><td>Estimates for 1915.....</td><td>352,410</td></tr><tr><td>Appropriations for 1915.....</td><td>347,030</td><td>Estimates for 1916.....</td><td>353,630</td></tr><tr><td>Appropriations for 1916.....</td><td>353,830</td><td>Estimates for 1917.....</td><td>398,470</td></tr></table>			Appropriations for 1907.....	\$84,780	Estimates for 1908.....	\$85,280	Appropriations for 1908.....	85,280	Estimates for 1909.....	84,210	Appropriations for 1909.....	83,660	Estimates for 1910.....	115,100	Appropriations for 1910.....	114,100	Estimates for 1911.....	115,920	Appropriations for 1911.....	115,920	Estimates for 1912.....	494,070	Appropriations for 1912.....	347,450	Estimates for 1913.....	360,430	Appropriations for 1913.....	352,450	Estimates for 1914.....	361,500	Appropriations for 1914.....	359,250	Estimates for 1915.....	352,410	Appropriations for 1915.....	347,030	Estimates for 1916.....	353,630	Appropriations for 1916.....	353,830	Estimates for 1917.....	398,470
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Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Bureau of Animal Industry—Continued.</i>		
NOTE.—Apparent increase, \$44,640; actual increase, \$120, as follows:		
<i>Promotion.</i>		
1 clerk, class 4, to 1 executive clerk, \$1,920.....	\$120	
<i>Transfers from lump funds of this bureau, which funds have been correspondingly reduced.</i>		
1 executive clerk, from administrative expenses..... \$2,000 1 clerk, class 1, from dairy industry..... 1,200 1 clerk, class 1, from eradication of hog cholera..... 1,200 1 clerk, class 1, from meat inspection..... 1,200 1 clerk, from dairy industry..... 1,000 1 clerk, from diseases of animals..... 1,000 1 clerk, from control of viruses..... 1,000 3 clerks, at \$1,000 each, from meat inspection..... 3,000 1 clerk, from eradicating cattle ticks..... 900 8 clerks, at \$900 each, from eradication of hog cholera..... 7,200 1 clerk, from control of viruses..... 900 19 clerks, at \$900 each, from meat inspection..... 17,100 1 laboratory helper, from meat inspection..... 1,020 1 laboratory helper, from meat inspection..... 600 1 carpenter, from dairy industry..... 1,140 1 messenger, skilled laborer, or laborer, from meat inspection..... 720 4 laborers, at \$480 each, from diseases of animals..... 1,920 2 laborers, at \$480 each, from meat inspection..... 960 1 laborer, from meat inspection..... 240 2 messenger boys, at \$360 each, from meat inspection..... 720 2 charwomen, at \$480 each, from meat inspection..... 960 1 charwoman, from meat inspection..... 360 1 charwoman, from meat inspection..... 300 3 charwomen, at \$240 each, from meat inspection..... 720	47,360	
	47,480	
<i>Transfers to other bureaus and offices and the statutory roll of this bureau correspondingly reduced.</i>		
1 architect, to lump fund for rural engineering, Office of Public Roads. \$900 1 laboratory helper, to statutory roll, Secretary's office..... 840 1 carpenter, to statutory roll, Secretary's office..... 1,100	2,840	
Apparent increase.....	44,640	
<i>Change of title.</i>		
1 executive clerk, \$1,920, in lieu of 1 clerk, class 4. 4 laborers, at \$660 each, in lieu of 4 laborers, messengers, or messenger boys, at \$660 each. 8 laborers, at \$600 each, in lieu of 8 laborers, messengers, or messenger boys, at \$600 each. 3 laborers, at \$540 each, in lieu of 3 laborers, messengers, or messenger boys, at \$540 each. 24 laborers, at \$480 each, in lieu of 24 laborers, messengers, or messenger boys, at \$480 each. 3 messenger boys, at \$600 each, in lieu of 3 laborers, messengers, or messenger boys, at \$600 each. 9 messenger boys, at \$480 each, in lieu of 9 laborers, messengers, or messenger boys, at \$480 each. 6 messenger boys, at \$360 each, in lieu of 6 laborers, messengers, or messenger boys, at \$360 each. 1 executive clerk, at \$2,000, in lieu of 1 assistant chief of miscellaneous division, at \$2,000, from lump fund. 1 laboratory helper, at \$1,020, in lieu of 1 laboratory aid, at \$1,020, from lump fund. 1 messenger, skilled laborer, or laborer, at \$720, in lieu of 1 skilled laborer, at \$720, from lump fund.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Animal Industry—</i>		
<p>(52) For carrying out the provisions of the act approved May 29, 1884, establishing a Bureau of Animal Industry, and the provisions of the act approved Mar. 3, 1891, providing for the safe transport and humane treatment of export cattle from the United States to foreign countries, and for other purposes; the act approved Aug. 30, 1890, providing for the importation of animals into the United States, and for other purposes; and the provisions of the act of May 9, 1902, extending the inspection of meats to process butter, and providing for the inspection of factories, marking of packages, etc.; and the provisions of the act approved Feb. 2, 1903, to enable the Secretary of Agriculture to more effectually suppress and prevent the spread of contagious and infectious diseases of live stock, and for other purposes; and also the provisions of the act approved Mar. 3, 1905, to enable the Secretary of Agriculture to establish and maintain quarantine districts, to permit and regulate the movement of cattle and other live stock therefrom, and for other purposes; and for carrying out the provisions of the act of June 29, 1906, entitled "An act to prevent cruelty to animals while in transit by railroad or other means of transportation;" and for carrying out the provisions of the act approved Mar. 4, 1913, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous products manufactured in the United States, and the importation of such products intended for use in the treatment of domestic animals; and to enable the Secretary of Agriculture to collect and disseminate information concerning live-stock, dairy, and other animal products; to prepare and disseminate reports on animal industry; to employ and pay from the appropriation herein made as many persons in the city of Washington or elsewhere as he may deem necessary; to purchase in the open market samples of all tuberculin, serums, antitoxins, or analogous products, of foreign or domestic manufacture, which are sold in the United States, for the detection, prevention, treatment, or cure of diseases of domestic animals, to test the same, and to disseminate the results of said tests in such manner as he may deem best; to purchase and destroy diseased or exposed animals or quarantine the same whenever in his judgment essential to prevent the spread of pleuropneumonia, tuberculosis, or other diseases of animals from one State to another, as follows:</p> <p>(53) For inspection and quarantine work, including all necessary expenses for the eradication of scabies in sheep and cattle, the inspection of southern cattle, the supervision of the transportation of live stock and the inspection of vessels, the execution of the 28-hour law, the inspection and quarantine of imported animals, including the establishment and maintenance of quarantine stations and the alteration of buildings thereon; the inspection work relative to the existence of contagious diseases, and the tuberculin and mallein testing of animals (<i>acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10; Mar. 3, 1891, vol. 26, p. 1089, secs. 1-7; Mar. 2, 1895, vol. 28, p. 732, sec. 1; Feb. 2, 1903, vol. 32, p. 791, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; Mar. 4, 1915, vol. 38, pp. 1089, 1090, sec. 1</i>)-----</p>		
<p>NOTE.—While there is no change in the above item, it is proposed to utilize \$75,000 of this appropriation for the work of eradicating dourine, which amount is carried for this purpose in the current bill under the general expense item for hog cholera and dourine, and to correspondingly reduce the expenditure for three projects now carried on under this appropriation for inspection and quarantine work, namely:</p> <p>Supervision of interstate transportation of live stock, from \$132,000 to \$122,000</p> <p>Eradication of scabies in sheep, from \$177,000 to \$127,000</p>	<p>\$607,780.00</p> <p>\$10,000</p> <p>50,000</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>		
<p>(54) For all necessary expenses for the eradication of southern cattle ticks ["\$438,800"] <i>\$657,400</i>, of which sum ["\$50,000"] <i>\$75,000</i> may be used for live stock demonstration work, in cooperation with the States Relations Service, in areas freed of ticks, and of this amount no part shall be used in the purchase of animals for breeding purposes: <i>Provided, however, That no part of this appropriation shall be used in the purchase of materials for or in the construction of dipping vats upon land not owned solely by the United States, except at fairs or expositions where the Department of Agriculture makes exhibits or demonstrations; nor shall any part of this appropriation be used in the purchase of materials or mixtures for use in dipping vats except in experimental or demonstration work carried on by the officials or agents of the Bureau of Animal Industry (acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10; Mar. 3, 1891, vol. 26, p. 1089, secs. 1-7; Mar. 2, 1895, vol. 28, p. 732, sec. 1; Feb. 2, 1903, vol. 32, p. 791, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; Mar. 4, 1915, vol. 38, pp. 1089, 1090, sec. 1) -----</i> <i>\$657, 400. 00</i></p> <p>NOTE.—The apparent increase in this item is \$218,600, but, taking into consideration the transfer of one clerk at \$900 to the statutory roll, the actual increase is \$219,500. The eradication of the cattle tick is one of the most important duties devolving upon the department, particularly in view of the situation regarding the meat supply. The South by nature is a cattle-raising region, but live stock production in that section has been retarded by the tick. Before the department can bring about the development of an adequate agricultural economy in the South, with live stock as an essential part thereof, the tick must be eliminated. Greater interest in tick eradication is being manifested in the Southern States. Many of the State legislatures have greatly increased, and in some cases have more than doubled, their appropriations to carry on the work in cooperation with the Department of Agriculture. During the present calendar year, up to Sept. 15th, 37,308 square miles of territory had been released from Federal quarantine for cattle ticks, and effective Dec. 1 an additional area will be released which in all probability will bring the amount up to 50,000 square miles freed from ticks and released from quarantine during the calendar year 1915. As a result of increased activities and educational work, active steps will be taken during the year 1916 in the eradication of the ticks and more money and more men will be urgently needed to successfully carry on the work in the various States under quarantine.</p> <p>It is also proposed to devote \$75,000 to demonstrational work in tick-free areas, instead of \$50,000 as at present.</p>		
<p>(55) For all necessary expenses for investigations and experiments in dairy industry, cooperative investigations of the dairy industry in the various States, inspection of renovated-butter factories and markets ["\$254,090"] (<i>same acts</i>) ----- <i>272, 470. 00</i></p> <p>NOTE.—The apparent increase in the above subappropriation is \$18,380, but, taking into consideration the transfer to the statutory roll of this bureau of one clerk at \$1,200, one clerk at \$1,000, and one carpenter at \$1,140, and the transfer of one architectural draft-man at \$900 to the lump-fund appropriation for rural engineering of the Office of Public Roads and Rural Engineering, the actual increase is \$22,620. It is proposed to expend this increase as follows:</p> <p>(a) \$4,000 for extension of dairy farming work, particularly cooperative work with county agents and the formation of cow-testing associations. To adequately provide for this work, it will be necessary to employ three additional men. The State authorities in all the dairy States have become greatly interested and are willing to meet the department on a half-and-half financial basis for the services of specialists.</p> <p>(b) \$3,000 to extend the cheese-factory investigations. One new man will be needed to conduct investigations relative to the cost of cheese production, upon which subject there is at present no reliable information.</p> <p>(c) \$5,780 is needed in connection with the work of the dairy research laboratories. It is proposed to expend \$1,620 of this amount for the services of an experimental butter maker and the part-time service of a bacteriologist to investigate the changes in butter; \$1,880 for a laboratory helper, part time of a bacteriologist, and the purchase of miscellaneous supplies in connection with the milk-condensing investigations; and \$2,280 for the salary of a chemist and necessary supplies in the investigation of the utilization of creamery and cheese-</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<p><i>General Expenses, Bureau of Animal Industry—Continued.</i></p>		
<p>(d) \$5,000 for milk investigations and demonstrations. This increase is desired for furthering educational work among dairymen and milk handlers throughout the country in dairy sanitation and to help city and State authorities in the organization and operation of efficient systems of dairy and milk inspection. Two new men will be needed in the field practically all the time, and, if this increase is allowed, it will be possible to take up work in given localities in a much more thorough manner than in the past, as the men will be able to spend more time in the cities and make a complete survey of conditions.</p> <p>(e) \$4,880 for the work of the Dairy Division experiment farm at Beltsville. Of this amount, \$1,500 is needed for experimental work in the breeding of dairy cattle and \$3,340 for experimental work in the metabolism of dairy cows, the latter work being conducted in cooperation with the Pennsylvania State College Institute of Animal Nutrition and requiring the part-time services of four investigators.</p> <p>(56) For all necessary expenses for investigations and experiments in animal husbandry; for experiments in animal feeding and breeding, including cooperation with the State agricultural experiment stations, including repairs and additions to and erection of buildings absolutely necessary to carry on the experiments, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all other necessary expenses, [\$189,060] <i>\$208,320: Provided, That of the sum thus appropriated \$25,000 may be used for experiments in the [breeding and maintenance of horses for] production of horses suitable for agricultural and military purposes: Provided further, That of the sum thus appropriated [\$34,500] \$37,000 may be used for experiments in poultry feeding and breeding, including the feeding and breeding of ostriches and investigations and experiments in the study of the ostrich industry (acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10; Mar. 3, 1891, vol. 26, p. 1089, secs. 1-7; Mar. 2, 1895, vol. 28, p. 732, sec. 1; Feb. 2, 1903, vol. 32, p. 791, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; Mar. 4, 1915, vol. 38, pp. 1089, 1090, sec. 1) -----</i> \$208,320.00</p>		
<p>NOTE.—There is an increase in the above appropriation of \$19,260. It is proposed to expend this amount approximately as follows:</p> <p>(a) Pork-production investigations, \$4,260. It is desirable to enlarge the research work in the study of the effects of forage crops on the quality of pork. The demands for information of this kind are constantly growing. The bureau will be in a position within a few months to make an elaborate and fundamental study of these problems and will need additional funds for the employment of laboratory assistants and labor.</p> <p>(b) Shorthorn cattle investigations, \$5,000. If allowed, this \$5,000 will be used to pay for foundation stock for the breeding experiment. The object is to try to develop a double-purpose strain of Shorthorn cattle and to study the inheritance of beef and milking characteristics in these cattle. The test is planned for 11 years or longer. Careful individual breeding, feeding, and beef and milk records will be kept during the entire time. The Kansas Experiment Station cooperates with the department in this work and furnishes all equipment and pays all maintenance charges. The expense to the Kansas station will amount to \$3,000 to \$5,000 per year during the entire progress of the experiment. After the year 1916-17 the only expense to the department will be small items for travel in supervising the work and possibly the part payment of the salary of an assistant in the work.</p> <p>(c) Poultry breeding, \$2,500. It is desired to extend the poultry-breeding work to include trap-nest experiments with all hens started in the breeding work, that is, to start trap nests with white Wyandcttes, white Plymouth Rocks, and buff Leghorns in addition to the varieties already in use. It is necessary to make more matings from the blood lines so as to test out the blood of additional males and females. It is also necessary to make more matings of cross-bred stock in an effort to fix certain characteristics only occasionally obtained at present.</p> <p>(d) Breeding range sheep, \$5,000. Since this project was begun it has been the plan to bring the number of ewes up to the size of a full range band, namely 1,500. This number will be reached within the fiscal year 1917. The appropriation will need to be increased to enable the bureau to conduct the research investigations in connection with this flock. The flock is being studied and</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>		
<p>(c) Classification of wools, \$2,500. The experience of sheep breeders in the West shows that the subject of the improvement in the preparation of wool on the farm is one of the most important they have to consider. It would appear that the chief difference between the average run of American wools and the best grade of foreign wools lies in the manner of the preparation, but it has not been determined how far American woolgrowers can go in improving their methods in this respect. The increase is requested in order to employ laboratory assistants to study American wools in relation to natural grease and the amount of wool, its length, fineness, and strength, as affected by soil, climate, feed, type, and breed of sheep.</p> <p>The language of the paragraph has been changed so as to give the department authority to conduct experiments in the production of horses suitable for agricultural as well as for military purposes.</p> <p>(57) For all necessary expenses for scientific investigations in diseases of animals, including the maintenance and improvement of the bureau experiment station at Bethesda, Md., and the necessary alterations of buildings thereon, and the necessary expenses for investigations of tuberculin, serums, antitoxins, and analogous products ["\$85,940"] (<i>acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10; Mar. 3, 1891, vol. 26, p. 1089, secs. 1-7; Mar. 2, 1895, vol. 28, p. 732, sec. 1; Feb. 2, 1903, vol. 32, p. 791, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; Mar. 4, 1915, vol. 38, pp. 1089, 1090, sec. 1</i>) -----</p>	\$88,020.00	
<p>NOTE.—The apparent increase in the above appropriation is \$2,030, but, taking into consideration the transfer to the statutory roll of one clerk at \$1,000 and four laborers at \$480 each, the actual increase is \$5,000. This increase of \$5,000 it is designed to use in investigating stock poisoning by plants. The losses of stock from poisonous plants throughout the United States and especially in the western part of the country are appalling. This subject has been studied only casually in the past. To determine the effects of poisonous plants upon live stock it will be necessary to conduct extensive experiments on various species of animals. Only through actual feeding will it be possible to determine the action of these plants. Methods of obviating these losses are urgently needed, including means of counteracting the effects of the poisons upon the animals. These experiments in the field and laboratories, including the purchase of animals, can not be carried out on a satisfactory scale without the proposed increase.</p>		
<p>(58) For construction of buildings at bureau experiment station at Bethesda, Md., and bureau experiment farm at Beltsville, Md. ["\$6,750"] (<i>same acts</i>) -----</p>	23,600.00	
<p>NOTE.—There is an increase in the above appropriation of \$16,850. Of this amount \$6,000 will be needed for the construction at Beltsville of a sheep barn to replace a barn which was destroyed by fire last spring and \$10,850 for the construction at Bethesda of four small stock barns, a hay storage building, and an incinerator to dispose of the carcasses of experimental animals.</p> <p>(59) For all necessary expenses for the investigation, treatment, and eradication of hog cholera ["and dourine"], ["\$235,000"] <i>\$185,000: Provided, That of said sum not less than ["\$50,000"] \$150,000 shall be available for expenditure in carrying out the provisions of the act approved Mar. 4, 1913, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous product manufactured in the United States and the importation of such products intended for use in the treatment of domestic animals [": And provided further, That not more than \$75,000 of said sum shall be used for the investigation, treatment, and eradication of the disease known as dourine, and of which sum of \$75,000 which is hereby appropriated for the investigation, treatment, and eradication of dourine, \$25,000 shall be immediately available"]</i> (<i>same acts</i>) -----</p>	185,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>		
<p>NOTE.—There is an apparent decrease in the above item of \$50,000, but, adding \$10,300 to cover the transfer of 11 employees to the statutory roll, the actual decrease is \$39,700. Since it is proposed to transfer the dourine work from this paragraph to the appropriation for inspection and quarantine, involving \$75,000, there is really an increase under this item of \$35,300.</p> <p>There is, however, available during the current year for hog-cholera work a balance of approximately \$186,000 from the special appropriation of \$500,000 under the act of Feb. 23, 1914, which, added to the \$160,000 for this purpose under the above item, makes an actual total of about \$346,000 available for the hog-cholera work during the present year. Since only \$185,000 is asked under the above item to carry on this work next year (or, including the \$10,300 transferred to the statutory roll, a total of \$195,300), there is in reality a decrease of about \$150,700 in the working funds for this purpose.</p> <p>Of the total amount estimated for hog-cholera work it is proposed to expend not less than \$150,000 in enforcing the law governing the interstate shipment and importation of viruses, serums, toxins, and analogous products intended for use in the treatment of domestic animals. The remainder it is expected to employ for hog-cholera investigations covering the cause of the disease, modes of dissemination, methods of serum production, etc.</p> <p>No estimate for the demonstration and educational hog-cholera work in counties is made herein.</p> <p>The words "and dourine" and the last proviso have been omitted from the language of the appropriation.</p>		
<p>(60) For general administrative work, including traveling expenses and salaries of employees engaged in such work, rent outside of the District of Columbia, office fixtures and supplies, express, freight, telegraph, telephone, and other necessary expenses ["\$39,286"] (acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10; Mar. 3, 1891, vol. 26, p. 1089, secs. 1-7; Mar. 2, 1895, vol. 28, p. 732, sec. 1; Feb. 2, 1903, vol. 32, p. 791, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; Mar. 4, 1915, vol. 33, pp. 1089, 1090, sec. 1) -</p>	\$30,186.00	
<p>NOTE.—There is an apparent decrease in the above subappropriation of \$9,100, due to the transfer of one employee at \$2,000 to the statutory roll of this bureau, and one inspector at \$2,250, two clerks at \$1,600 each, one clerk at \$900, and one-fourth of the salary of one assistant in charge of information, \$750, to the statutory roll of the Secretary's office.</p>		
<p>In all, for general expenses -----</p>	\$2,072,776.00	\$1,856,706.00
<p>Appropriations for 1907..... \$862,200 Appropriations for 1908..... 947,200 Appropriations for 1909..... 997,200 Deficiency act..... 300,000 Appropriations for 1910..... 1,263,760 Appropriations for 1911..... 1,234,540 Appropriations for 1912..... 1,257,300 Appropriations for 1913..... 1,217,866 Appropriations for 1914..... 1,371,946 Appropriations for 1915..... 1,597,996 Appropriations for 1916..... 1,856,706</p>	<p>Estimates for 1908..... \$942,200 Estimates for 1909..... 997,200 Estimates for 1910..... 1,043,760 Estimates for 1911..... 1,234,540 Estimates for 1912..... 1,288,180 Estimates for 1913..... 1,229,666 Estimates for 1914..... 1,366,546 Estimates for 1915..... 1,727,996 Estimates for 1916..... 1,637,748 Estimates for 1917..... 2,072,776</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
General Expenses, Bureau of Animal Industry—Continued.		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>		
Inspection and quarantine, 1917, \$607,780.	Inspection and quarantine, 1915, \$625,520, less \$194,795 by transfer to foot-and-mouth disease; net amount, \$430,725.	
<p>Salaries..... \$462,780.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 assistant chief, quarantine division, \$2,520.</p> <p>2 veterinary inspectors, at \$2,000 each.</p> <p>1 veterinary inspector, \$1,920.</p> <p>4 veterinary inspectors, at \$1,800 each.</p> <p>2 veterinary inspectors, at \$1,600 each.</p> <p>2 veterinary inspectors, at \$1,400 each.</p> <p>1 assistant in live stock, \$1,600.</p> <p>1 agent, \$840.</p> <p>5 clerks, at \$900 each (temporary).</p> <p>Out of Washington—</p> <p>7 veterinary inspectors, at \$2,700 each.</p> <p>2 veterinary inspectors, at \$2,520 each.</p> <p>2 veterinary inspectors, at \$2,500 each.</p> <p>2 veterinary inspectors, at \$2,460 each.</p> <p>2 veterinary inspectors, at \$2,340 each.</p> <p>1 veterinary inspector, \$2,300.</p> <p>2 veterinary inspectors, at \$2,280 each.</p> <p>1 veterinary inspector, \$2,250.</p> <p>2 veterinary inspectors, at \$2,220 each.</p> <p>1 veterinary inspector, \$2,160.</p> <p>4 veterinary inspectors, at \$2,040 each.</p> <p>2 veterinary inspectors, at \$2,000 each.</p> <p>4 veterinary inspectors, at \$1,920 each.</p> <p>61 veterinary inspectors, at \$1,800 each.</p> <p>18 veterinary inspectors, at \$1,620 each.</p> <p>5 veterinary inspectors, at \$1,600 each.</p> <p>58 veterinary inspectors, at \$1,400 each.</p> <p>2 veterinary inspectors, at \$8 per diem each, when actually employed.</p> <p>2 lay inspectors, grade 2, at \$2,100 each.</p> <p>52 lay inspectors, grade 2, at \$1,200 each.</p> <p>1 lay inspector, grade 2, \$1,140.</p> <p>2 lay inspectors, grade 2, at \$1,000 each.</p> <p>4 lay inspectors, grade 1, at \$1,100 each.</p> <p>18 lay inspectors, grade 1, at \$1,000 each.</p> <p>11 lay inspectors, grade 1, \$900.</p> <p>7 lay inspectors, grade 1, at \$840 each.</p> <p>1 live stock inspector, \$1,600.</p> <p>1 live stock inspector, \$1,400.</p> <p>1 live stock inspector, \$1,200.</p> <p>1 traveling inspector, \$1,400.</p> <p>1 agent in scabies eradication, \$1,200.</p> <p>1 agent in scabies eradication, \$1,140.</p> <p>18 agents in scabies eradication, at \$1,000 each.</p> <p>3 agents in scabies eradication, at \$900 each.</p> <p>10 agents in scabies eradication, at \$720 each.</p> <p>1 agent in scabies eradication, \$60.</p> <p>3 agents in scabies eradication, \$4 per diem each, when actually employed.</p> <p>1 agent, \$1,200.</p> <p>2 agents, at \$6 per diem each, when actually employed.</p> <p>1 agent, \$3 per diem, when actually employed.</p> <p>1 special agent, \$1,200.</p> <p>1 quarantine assistant, \$900.</p> <p>2 unskilled laborers, at \$50 per month each (temporary).</p> <p>1 unskilled laborer, \$1,360 (temporary) includes use of motor cycle.</p>	<p>Salaries..... \$353,403.91</p> <p>As follows:</p> <p>In Washington—</p> <p>1 senior pathologist, \$2,700.</p> <p>1 assistant chief, quarantine division, \$2,520.</p> <p>2 veterinary inspectors, at \$2,000 each.</p> <p>1 veterinary inspector, \$1,920.</p> <p>3 veterinary inspectors, at \$1,800 each.</p> <p>1 veterinary inspector, \$1,600.</p> <p>1 veterinary inspector, \$1,400.</p> <p>1 skilled laborer, \$1,000.</p> <p>1 skilled laborer, \$900.</p> <p>5 clerks, at \$900 each.</p> <p>Out of Washington—</p> <p>5 veterinary inspectors, at \$2,700 each.</p> <p>3 veterinary inspectors, at \$2,520 each.</p> <p>1 veterinary inspector, \$2,500.</p> <p>2 veterinary inspectors, at \$2,460 each.</p> <p>1 veterinary inspector, \$2,300.</p> <p>1 veterinary inspector, \$2,250.</p> <p>3 veterinary inspectors, at \$2,220 each.</p> <p>1 veterinary inspector, \$2,040.</p> <p>1 veterinary inspector, \$2,000.</p> <p>3 veterinary inspectors, at \$1,920 each.</p> <p>69 veterinary inspectors, at \$1,800 each.</p> <p>17 veterinary inspectors, at \$1,620 each.</p> <p>8 veterinary inspectors, at \$1,600 each.</p> <p>22 veterinary inspectors, at \$1,400 each.</p> <p>2 veterinary inspectors, at \$8 per diem each, when actually employed.</p> <p>2 lay inspectors, grade 2, at \$2,100 each.</p> <p>32 lay inspectors, grade 2, at \$1,200 each.</p> <p>1 lay inspector, grade 2, \$1,140.</p> <p>3 lay inspectors, grade 2, at \$1,000 each.</p> <p>4 lay inspectors, grade 1, at \$1,100 each.</p> <p>15 lay inspectors, grade 1, at \$1,000 each.</p> <p>1 lay inspector, grade 1, \$900.</p> <p>11 lay inspectors, grade 1, at \$840 each.</p> <p>1 live-stock inspector, \$1,600.</p> <p>2 live-stock inspectors, at \$1,400 each.</p> <p>1 live-stock inspector, \$1,200.</p> <p>1 agent in scabies eradication, \$1,200.</p> <p>8 agents in scabies eradication, at \$1,000 each.</p> <p>5 agents in scabies eradication, at \$900 each.</p> <p>2 agents in scabies eradication, at \$4 per diem each, when actually employed.</p> <p>1 agent, \$1,200.</p> <p>4 agents, at \$840 each.</p> <p>2 agents, at \$6 per diem each, when actually employed.</p> <p>1 agent, \$3 per diem, when actually employed.</p> <p>1 agent, \$1,000.</p> <p>3 agents, at \$900 each.</p> <p>2 agents, at \$60 each.</p> <p>1 special agent, \$1,200.</p> <p>1 quarantine assistant, \$900.</p> <p>2 unskilled laborers, at \$50 per month each.</p> <p>1 scientific assistant in animal husbandry, \$1,800.</p> <p>1 clerk, \$900.</p>	
<p>Traveling expenses..... 125,000.00</p> <p>Supplies and equipment..... 14,000.00</p> <p>Miscellaneous expenses..... 6,000.00</p> <p>Total estimate, 1917..... 607,780.00</p> <p>Total appropriation, 1916..... 607,780.00</p>	<p>Traveling expenses..... 71,508.16</p> <p>Supplies and equipment..... 4,812.93</p> <p>Miscellaneous expenses..... 1,000.00</p> <p>Total expenditures, 1915..... 430,725.00</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p align="center">Eradicating cattle ticks, 1917, \$582,400.</p> <hr/> <p>Salaries..... \$431,000.00</p> <p> As follows:</p> <p> In Washington—</p> <p> 1 veterinary inspector, \$2,500.</p> <p> 1 laboratory assistant, \$960.</p> <p> 1 chemist aid, \$840.</p> <p> Out of Washington—</p> <p> 2 veterinary inspectors, at \$2,700 each.</p> <p> 3 veterinary inspectors, at \$2,460 each.</p> <p> 2 veterinary inspectors, at \$2,340 each.</p> <p> 2 veterinary inspectors, at \$2,300 each.</p> <p> 1 veterinary inspector, \$2,250.</p> <p> 3 veterinary inspectors, at \$2,220 each.</p> <p> 2 veterinary inspectors, at \$2,160 each.</p> <p> 1 veterinary inspector, \$2,050.</p> <p> 1 veterinary inspector, \$2,040.</p> <p> 1 veterinary inspector, \$2,000.</p> <p> 1 veterinary inspector, \$1,980.</p> <p> 3 veterinary inspectors, at \$1,920 each.</p> <p> 1 veterinary inspector, \$1,900.</p> <p> 1 veterinary inspector, \$1,880.</p> <p> 27 veterinary inspectors, at \$1,800 each.</p> <p> 1 veterinary inspector, \$1,760.</p> <p> 26 veterinary inspectors, at \$1,620 each.</p> <p> 1 veterinary inspector, \$1,600.</p> <p> 11 veterinary inspectors, at \$1,420 each.</p> <p> 75 veterinary inspectors, at \$1,400 each.</p> <p> 1 veterinary inspector, \$1,250.</p> <p> 2 agents in tick eradication, at \$1,800 each.</p> <p> 1 agent in tick eradication, \$1,470.</p> <p> 8 agents in tick eradication, at \$1,380 each.</p> <p> 8 agents in tick eradication, at \$1,320 each.</p> <p> 1 agent in tick eradication, \$1,290.</p> <p> 2 agents in tick eradication, at \$1,260 each.</p> <p> 83 agents in tick eradication, \$1,200 each.</p> <p> 65 agents in tick eradication, at \$1,000 each.</p> <p> 3 agents in tick eradication, at \$960 each.</p> <p> 47 agents in tick eradication, at \$900 each.</p> <p> 8 agents in tick eradication, at \$840 each.</p> <p> 2 agents in tick eradication, at \$60 each.</p> <p> 1 agent, \$1,420.</p> <p> 3 agents, at \$1,320 each.</p> <p> 2 agents, at \$1,260 each.</p> <p> 2 agents, at \$1,200 each.</p> <p> 1 agent, \$1,140.</p> <p> 1 agent, \$1,000.</p> <p> 1 agent, \$900.</p> <p> 3 agents, at \$60 each.</p> <p> 2 lay inspectors, grade 1, at \$1,000 each.</p> <p> 2 clerks, at \$900 each.</p> <p>Traveling expenses..... 139,000.00</p> <p>Supplies and equipment..... 5,000.00</p> <p>Miscellaneous expenses..... 7,400.00</p> <p>Total estimate, 1917..... 582,400.00</p> <p>Total appropriation, 1916..... 388,800.00</p> <p> Increase (but as 1 clerk at \$900 has been transferred to statutory roll, the actual increase is \$194,500)..... 193,600.00</p>	<p>Eradicating cattle ticks, 1915, \$350,000, less \$30,828.83 transferred to foot-and-mouth disease; net amount, \$317,171.17.</p> <hr/> <p>Salaries..... \$228,486.74</p> <p> As follows:</p> <p> In Washington—</p> <p> 1 veterinary inspector, \$2,500.</p> <p> 1 laboratory assistant, \$960.</p> <p> Out of Washington—</p> <p> 2 veterinary inspectors, at \$2,460 each.</p> <p> 1 veterinary inspector, \$2,300.</p> <p> 1 veterinary inspector, \$2,250.</p> <p> 1 veterinary inspector, \$2,220.</p> <p> 1 veterinary inspector, \$2,040.</p> <p> 2 veterinary inspectors, at \$2,000 each.</p> <p> 1 veterinary inspector, \$1,980.</p> <p> 3 veterinary inspectors, at \$1,920 each.</p> <p> 27 veterinary inspectors, at \$1,800 each.</p> <p> 20 veterinary inspectors, at \$1,620 each.</p> <p> 4 veterinary inspectors, at \$1,600 each.</p> <p> 48 veterinary inspectors, at \$1,400 each.</p> <p> 1 veterinary inspector, \$1,250.</p> <p> 1 agent in tick eradication, \$1,800.</p> <p> 1 agent in tick eradication, \$1,320.</p> <p> 30 agents in tick eradication, at \$1,200 each.</p> <p> 1 agent in tick eradication, \$1,020.</p> <p> 18 agents in tick eradication, at \$1,000 each.</p> <p> 4 agents in tick eradication, at \$960 each.</p> <p> 25 agents in tick eradication, at \$900 each.</p> <p> 8 agents in tick eradication, at \$840 each.</p> <p> 1 agent, \$1,200.</p> <p> 1 agent, \$1,000.</p> <p> 5 agents, at \$900 each.</p> <p> 4 agents, at \$60 each.</p> <p> 2 lay inspectors, grade 1, at \$1,000 each.</p> <p> 4 lay inspectors, grade 1, at \$840 each.</p> <p> 1 clerk, \$1,200.</p> <p> 1 clerk, \$900.</p> <p>Traveling expenses..... 81,901.79</p> <p>Supplies and equipment..... 2,307.14</p> <p>Miscellaneous expenses..... 6,475.50</p> <p>Total expenditures, 1915..... 319,171.17</p>	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses—Bureau of Animal Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p align="center">Live-stock demonstration, 1917, \$75,000.</p> <hr/> <p>Salaries..... \$46,660.00</p> <p> As follows:</p> <p> Out of Washington—</p> <p> 1 dairy manufacturing specialist, \$1,800.</p> <p> 1 scientific assistant, \$1,380.</p> <p> 2 agents in dairying, at \$1,200 each.</p> <p> 2 scientific assistants in dairying, at \$1,200 each.</p> <p> 2 assistant dairy husbandmen, at \$1,620 each.</p> <p> 7 assistant dairy husbandmen, at \$1,440 each.</p> <p> 2 agents in animal husbandry, at \$2,000 each.</p> <p> 5 agents in animal husbandry, at \$1,800 each.</p> <p> 3 agents in animal husbandry, at \$1,620 each.</p> <p> 5 agents in animal husbandry, at \$1,500 each.</p> <p> 1 agent in animal husbandry, \$1,200.</p> <p> 1 scientific assistant in animal husbandry, \$1,380.</p> <p>Traveling expenses..... 27,140.00</p> <p>Miscellaneous expenses..... 1,200.00</p> <p> Total estimate, 1917..... 75,000.00</p> <p> Total appropriation, 1916..... 50,000.00</p> <p> Increase..... 25,000.00</p>	<p>Live-stock demonstration, 1915, \$50,000, less \$27,000.65 by transfer to foot-and-mouth disease; net amount, \$22,999.35.</p> <hr/> <p>Salaries..... \$13,850.33</p> <p> As follows:</p> <p> Out of Washington—</p> <p> 1 dairy manufacturing specialist, \$1,800.</p> <p> 1 scientific assistant, \$1,380.</p> <p> 2 agents in dairying, at \$1,200 each.</p> <p> 1 scientific assistant in dairying, \$1,320.</p> <p> 1 scientific assistant in dairying, \$1,200.</p> <p> 1 assistant dairy husbandman, \$1,620.</p> <p> 2 assistant dairy husbandmen, at \$1,440 each.</p> <p> 2 agents in animal husbandry, at \$2,000 each.</p> <p> 3 agents in animal husbandry, at \$1,800 each.</p> <p> 1 agent in animal husbandry, \$1,620.</p> <p> 1 agent in animal husbandry, \$1,500.</p> <p> 1 agent in animal husbandry, \$1,200.</p> <p> 1 scientific assistant in animal husbandry, \$1,500.</p> <p> 1 scientific assistant in animal husbandry, \$1,380.</p> <p>Traveling expenses..... 9,149.02</p> <p> Total expenditures, 1915..... 22,999.35</p>	
<p align="center">Dairy industry, 1917, \$272,470.</p> <hr/> <p>Salaries..... \$203,498.00</p> <p> As follows:</p> <p> In Washington—</p> <p> 1 dairy bacteriologist, \$3,000.</p> <p> 1 dairy bacteriologist, \$2,220.</p> <p> 1 dairy bacteriologist, \$1,440.</p> <p> 1 dairy bacteriologist, \$1,320.</p> <p> 1 dairy husbandman, \$2,700.</p> <p> 1 dairy husbandman, \$2,280.</p> <p> 1 dairy husbandman, \$2,100.</p> <p> 1 dairy husbandman, \$2,040.</p> <p> 1 dairy husbandman, \$1,980.</p> <p> 1 dairy husbandman, \$1,800.</p> <p> 1 dairy manufacturing specialist, \$2,460.</p> <p> 1 dairy manufacturing specialist, \$2,280.</p> <p> 1 dairy manufacturing specialist, \$2,100.</p> <p> 4 dairy manufacturing specialists, at \$1,800 each.</p> <p> 1 dairy technologist, \$2,400.</p> <p> 2 market milk specialists, at \$2,400 each.</p> <p> 4 market milk specialists, at \$1,800 each.</p> <p> 1 dairy chemist, \$2,280.</p> <p> 1 dairy chemist, \$2,100.</p> <p> 1 dairy chemist, \$2,000.</p> <p> 2 dairy chemists, at \$1,980 each.</p> <p> 1 dairy chemist, \$1,920.</p> <p> 1 dairy chemist, \$1,800.</p> <p> 2 dairy chemists, at \$1,440 each.</p> <p> 1 assistant dairy manufacturing specialist, \$1,620.</p> <p> 1 dairy engineer, \$1,800.</p> <p> 1 assistant market milk specialist, \$1,740.</p> <p> 1 assistant market milk specialist, \$1,620.</p> <p> 1 assistant dairy husbandman, \$1,620.</p> <p> 2 assistant dairy husbandmen, at \$1,500 each.</p> <p> 2 assistant dairy bacteriologists, at \$1,620 each.</p> <p> 1 organic chemist, \$1,620.</p> <p> 1 scientific assistant in dairying, \$1,800.</p> <p> 1 scientific assistant in dairying, \$1,380.</p> <p> 1 scientific assistant in dairying, \$1,320.</p> <p> 1 scientific assistant in dairying, \$1,200.</p> <p> 1 cheesemaker, \$1,440.</p> <p> 2 cheesemakers, at \$1,200 each.</p>	<p>Dairy industry, 1915, \$256,490, less \$22,164.46 by transfer to foot-and-mouth disease, and \$825 to construction of buildings; net amount, \$233,500.54.</p> <hr/> <p>Salaries..... \$148,397.54</p> <p> As follows:</p> <p> In Washington—</p> <p> 1 dairy manufacturing specialist, \$2,460.</p> <p> 1 dairy manufacturing specialist, \$2,280.</p> <p> 1 dairy manufacturing specialist, \$2,100.</p> <p> 2 dairy manufacturing specialists, at \$1,800 each.</p> <p> 1 assistant dairy manufacturing specialist, \$1,620.</p> <p> 1 market milk specialist, \$1,800.</p> <p> 1 milk specialist, \$2,100.</p> <p> 1 milk specialist, \$1,800.</p> <p> 1 milk specialist, \$1,620.</p> <p> 1 assistant milk specialist, \$1,500.</p> <p> 1 dairy husbandman, \$2,700.</p> <p> 1 dairy husbandman, \$2,160.</p> <p> 1 dairy husbandman, \$2,040.</p> <p> 3 dairy husbandmen, at \$1,800 each.</p> <p> 1 assistant dairy husbandman, \$1,620.</p> <p> 3 assistant dairy husbandmen, at \$1,500 each.</p> <p> 1 scientific assistant in dairying, \$1,380.</p> <p> 1 scientific assistant in dairying, \$1,320.</p> <p> 1 assistant in dairying, \$1,200.</p> <p> 1 machinist, \$4 per diem.</p> <p> 1 junior dairymen, \$1,320.</p> <p> 1 dairy chemist, \$2,280.</p> <p> 1 dairy chemist, \$2,000.</p> <p> 2 dairy chemists, at \$1,980 each.</p> <p> 1 dairy chemist, \$1,920.</p> <p> 1 dairy chemist, \$1,800.</p> <p> 1 dairy chemist, \$1,440.</p> <p> 1 dairy bacteriologist, \$3,000.</p> <p> 1 dairy bacteriologist, \$2,220.</p> <p> 1 dairy bacteriologist, \$1,320.</p> <p> 1 dairy bacteriologist, \$1,440.</p> <p> 1 assistant dairy bacteriologist, \$1,620.</p> <p> 1 dairy engineer, \$1,800.</p> <p> 1 dairy technologist, \$2,400.</p> <p> 1 scientific assistant in chemistry, \$900.</p> <p> 1 organic chemist, \$1,620.</p> <p> 1 junior dairymen, \$1,500.</p> <p> 1 cheesemaker, \$1,440.</p> <p> 1 cheesemaker, \$1,200.</p> <p> 1 clerk, \$1,200.</p> <p> 1 clerk, \$1,000.</p> <p> 4 architectural draftsmen, at \$900 each.</p> <p> 1 messenger boy, \$360.</p> <p> 2 student assistants, at \$25 per month each.</p> <p> 2 plumbers, at \$4 per diem each, when actually employed.</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses—Bureau of Animal Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p align="center">Dairy industry, 1917, \$272,470.</p> <p><i>In Washington—Continued.</i> 1 clerk, \$1,400 (temporary). 1 junior dairyman, \$1,320. 1 scientific assistant in chemistry, \$1,200. 10 renovated butter inspectors, at \$120 per annum each. 1 unskilled laborer, \$600. 2 scientific assistants, at \$25 per month each (temporary). 1 electrician's helper, \$2 per diem, when actually employed. 1 physiologist, \$3,000. 1 physiological chemist, \$1,930. 1 dairy chemist, \$1,620.</p> <p><i>Out of Washington—</i> 2 dairy manufacturing specialists, at \$1,980 each. 1 dairy manufacturing specialist, \$2,160. 1 dairy manufacturing specialist, \$1,920. 5 dairy manufacturing specialists, at \$1,800 each. 1 dairy manufacturing specialist, \$1,500. 1 agent in dairying, \$1,900. 8 agents in dairying, at \$1,500 each. 3 agents in dairying, at \$1,400 each. 1 agent in dairying, \$1,350. 3 agents in dairying, at \$1,320 each. 3 agents in dairying, at \$1,300 each. 1 agent in dairying, \$1,260. 1 agent in dairying, \$1,250. 5 agents in dairying, at \$1,200 each. 1 agent in dairying, \$1,000. 1 agent in dairying, \$408. 1 dairy husbandman, \$2,220. 1 dairy husbandman, \$2,100. 4 dairy husbandmen, at \$1,500 each. 2 dairy husbandmen, at \$1,440 each. 1 dairy husbandman, \$1,400. 2 assistant dairy husbandmen, at \$1,620 each. 1 assistant dairy husbandman, \$1,150. 1 agent in animal husbandry, \$800. 1 collaborator, \$100 per annum. 1 dairy chemist, \$1,800. 2 experts in animal nutrition, at \$1,000 each. 1 agent in animal nutrition, \$500. 1 agent in animal nutrition, \$1,000. 1 milk specialist, \$1,920. 4 unskilled laborers, at \$540 each (temporary). 6 unskilled laborers, at \$480 each (temporary). 1 unskilled laborer, \$360 (temporary). 20 unskilled laborers, at \$1.50 per diem each, when actually employed. 1 unskilled laborer, \$1 per diem, when actually employed. 1 assistant dairy husbandman, \$1,420. 1 assistant dairy husbandman, \$1,380. 1 agent in dairying, \$820.</p> <p>Traveling expenses..... \$39,000.00 Supplies and equipment..... 24,600.00 Miscellaneous expenses..... 5,372.00 Total estimate, 1917..... 272,470.00 Total appropriations, 1916..... 254,090.00 Increase (but as 1 clerk, class 1; 1 clerk at \$1,000, and 1 carpenter at \$1,140 have been transferred to statutory roll of this bureau and 1 architectural draftsman at \$900 to lump fund for rural engineering of Office of Public Roads, the actual increase is \$22,620)..... 18,380.00</p>	<p>Dairy industry, 1915, \$256,490, less \$22,164.46 by transfer to foot-and-mouth disease, and \$825 to construction of buildings; net amount, \$233,500.54.</p> <p><i>In Washington—Continued.</i> 3 plumber's helpers, at \$2 per diem each, when actually employed. 3 painters, at \$3.50 per diem each, when actually employed. 1 cabinetmaker, \$3.50 per diem, when actually employed.</p> <p><i>Out of Washington—</i> 3 dairy manufacturing specialists, at \$1,980 each. 1 dairy manufacturing specialist, \$1,920. 6 dairy manufacturing specialists, at \$1,800 each. 1 assistant dairy manufacturing specialist, \$1,500. 1 agent in dairying, \$1,620. 7 agents in dairying, at \$1,500 each. 1 agent in dairying, \$1,400. 1 agent in dairying, \$1,320. 1 agent in dairying, \$1,260. 2 agents in dairying, at \$1,200 each. 1 agent in dairying, \$1,000. 1 dairy husbandman, \$2,220. 2 dairy husbandmen, at \$2,100 each. 1 dairy husbandman, \$1,500. 1 dairy husbandman, \$1,440. 3 assistant dairy husbandmen, at \$1,620 each. 3 assistant dairy husbandmen, at \$1,500 each. 1 assistant dairy husbandman, \$1,440. 1 assistant dairy husbandman, \$1,380. 1 assistant dairy husbandman, \$1,320. 1 assistant dairy husbandman, \$1,200. 1 laboratory helper, \$1,200. 1 cabinetmaker, \$3.50 per diem. 1 scientific assistant in dairying, \$1,500. 1 scientific assistant in dairying, \$1,320. 2 scientific assistants in dairying, at \$1,200 each. 1 draftsman, \$900. 1 agent in animal husbandry, \$800. 1 collaborator, \$5 per diem. 1 dairy chemist, \$1,800. 1 dairy bacteriologist, \$1,320. 1 expert in animal nutrition, \$1,000. 1 agent in animal nutrition, \$500. 1 milk specialist, \$1,920. 1 milk specialist, \$1,800. 1 carpenter, \$1,140. 2 carpenters, at \$3.50 per diem each, when actually employed. 1 clerk, \$900. 1 unskilled laborer, \$900. 1 unskilled laborer, \$600. 4 unskilled laborers, at \$540 each. 6 unskilled laborers, at \$480 each. 1 unskilled laborer, \$360. 19 unskilled laborers, at \$1.50 per diem each, when actually employed. 1 unskilled laborer, \$1 per diem, when actually employed.</p> <p>Traveling expenses..... \$33,824.33 Supplies and equipment..... 45,720.78 Miscellaneous expenses..... 5,557.89 Total expenditures, 1915..... 233,500.54</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
General Expenses, Bureau of Animal Industry—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Animal husbandry, 1917, \$146,320.		Animal husbandry, 1915, \$118,340, less \$2,525 by transfer to other lump funds; net amount, \$115,815.	
Salaries.....	\$88,268.00	Salaries.....	\$66,915.41
As follows:		As follows:	
In Washington—		In Washington—	
1 senior animal husbandman, \$2,760.		1 chief, animal husbandry division, \$3,500.	
1 senior animal husbandman, \$2,750.		2 scientific assistants in animal husbandry, at \$1,380 each.	
1 senior animal husbandman, \$2,000.		1 animal husbandman, \$1,800.	
1 senior animal husbandman, \$2,400.		1 senior animal husbandman, \$2,760.	
1 senior animal husbandman, \$1,800.		1 senior animal husbandman, \$2,750.	
1 animal husbandman, \$1,620.		1 senior animal husbandman, \$2,400.	
3 animal husbandmen, at \$1,380 each.		1 junior animal husbandman, \$1,620.	
2 scientific assistants in animal husbandry, at \$1,380 each.		3 junior animal husbandmen, at \$1,380 each.	
1 scientific assistant in animal husbandry, \$1,800.		1 clerk, \$900.	
Out of Washington—		1 architectural draftsman, \$900.	
2 scientific assistants in animal husbandry, at \$1,380 each.		Out of Washington—	
1 expert groom, \$1,260.		2 scientific assistants in animal husbandry, at \$1,380 each.	
1 expert trainer, \$600.		1 expert groom, \$1,260.	
2 experts in animal husbandry, \$9 per diem each, when actually employed.		1 expert trainer, \$550.	
6 agents in animal husbandry, at \$1,800 each.		2 experts in animal husbandry, \$9 per diem each, when actually employed.	
9 agents in animal husbandry, at \$1,500 each.		3 appraisers in animal husbandry, at \$10 per diem each, when actually employed.	
3 agents in animal husbandry, at \$1,200 each.		1 agent in animal husbandry, \$1,800.	
1 agent in animal husbandry, \$720.		5 agents in animal husbandry, at \$1,500 each.	
1 live stock assistant, \$1,920.		1 agent in animal husbandry, \$1,200.	
1 unskilled laborer, \$720 (temporary).		1 agent in animal husbandry, \$1,000.	
3 unskilled laborers, at \$600 each (temporary).		3 agents in animal husbandry, at \$720 each.	
7 unskilled laborers, at \$540 each (temporary).		1 foreman carpenter, \$1,500.	
18 unskilled laborers, at \$480 each (temporary).		1 live stock assistant, \$1,920.	
1 unskilled laborer, \$300 (temporary).		1 unskilled laborer, \$720.	
1 painter, \$3.50 per diem, when actually employed.		3 unskilled laborers, at \$600 each.	
4 foremen of horse breeding, at \$900 each.		10 unskilled laborers, at \$540 each.	
2 animal husbandmen, at \$1,620 each.		12 unskilled laborers, at \$180 each.	
1 animal husbandman, \$1,500.		2 unskilled laborers, at \$300 each.	
1 senior animal husbandman, \$2,000.		17 unskilled laborers, at \$1.50 per diem each, when actually employed.	
1 junior animal husbandman, \$1,380.		1 painter, \$3.50 per diem, when actually employed.	
Traveling expenses.....	26,000.00	3 foremen of horse breeding, at \$900 each.	
Supplies and equipment.....	28,500.00	2 animal husbandmen, at \$1,620 each.	
Miscellaneous expenses.....	3,552.00	1 animal husbandman, \$1,500.	
Total estimate, 1917.....	146,320.00	1 senior animal husbandman, \$2,000.	
Total appropriation, 1916.....	129,560.00	1 expert in animal nutrition, \$1,000.	
Increase.....	16,760.00	1 assistant expert in animal nutrition, \$1,000.	
		1 agent in animal nutrition, \$500.	
		Traveling expenses.....	8,788.51
		Supplies and equipment.....	27,110.10
		Miscellaneous expenses.....	13,000.98
		Total expenditures, 1915.....	115,815.00
Military horse breeding, 1917, \$25,000.		Military horse breeding, 1915, \$30,000; less \$1,000 by transfer to foot-and-mouth disease; net amount, \$29,000.	
Salaries.....	\$15,008.00	Salaries.....	\$14,835.01
As follows:		As follows:	
Out of Washington—		Out of Washington—	
1 animal husbandman, \$2,000.		3 agents in animal husbandry, at \$9 per diem each, when actually employed.	
4 foremen of horse breeding, at \$900 each.		1 animal husbandman, \$2,000.	
1 veterinary inspector, \$2,040.		5 foremen of horse breeding, at \$900 each.	
1 unskilled laborer, \$780 (temporary).		1 veterinary inspector, \$2,040.	
3 unskilled laborers, at \$660 each (temporary).		1 unskilled laborer, \$1,320.	
4 unskilled laborers, at \$600 each (temporary).		1 unskilled laborer, \$960.	
1 unskilled laborer, \$4 per month (temporary).		4 unskilled laborers, at \$900 each.	
3 unskilled laborers, at \$720 each (temporary).		1 unskilled laborer, \$904.	
Traveling expenses.....	1,500.00	6 unskilled laborers, at \$750 each.	
Supplies and equipment.....	4,500.00	2 unskilled laborers, at \$720 each.	
Miscellaneous expenses.....	3,992.00	1 unskilled laborer, \$600.	
Total estimate, 1917.....	25,000.00	2 unskilled laborers, at \$600 each.	
Total appropriation, 1916.....	25,000.00	1 unskilled laborer, \$540.	
		1 unskilled laborer, \$4 per month.	
		Traveling expenses.....	1,963.47
		Supplies and equipment.....	5,917.44
		Miscellaneous expenses.....	6,284.08
		Total expenditures, 1915.....	29,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Poultry feeding and breeding, 1917, \$37,000.			
Salaries.....	\$30,060.00	Poultry feeding and breeding, 1915, \$24,500, and \$700 by transfer from animal husbandry; net amount, \$25,200.	
As follows:		Salaries.....	\$18,256.00
In Washington—		As follows:	
1 senior animal husbandman, \$2,460.		In Washington—	
1 animal husbandman, \$1,620.		1 senior animal husbandman, \$2,460.	
1 junior animal husbandman, \$1,500.		1 animal husbandman, \$1,620.	
1 scientific assistant in animal husbandry, \$1,560.		1 scientific assistant in animal husbandry, \$1,560.	
2 scientific assistants in animal husbandry, at \$1,500 each.		1 scientific assistant in animal husbandry, \$1,380.	
1 scientific assistant in animal husbandry, \$1,380.			
1 scientific assistant in animal husbandry, \$1,200.		Out of Washington—	
Out of Washington—		1 agent in animal husbandry, \$1,500.	
6 agents in animal husbandry, at \$1,500 each.		2 agents in animal husbandry, at \$1,380 each.	
4 agents in animal husbandry, at \$1,380 each.		2 unskilled laborers, at \$480 each.	
3 unskilled laborers, at \$480 each (temporary).		1 junior animal husbandman, \$1,500.	
1 junior animal husbandman, \$1,380.		4 junior animal husbandmen, at \$1,380 each.	
Traveling expenses.....	3,250.00	1 carpenter, \$3.50 per diem, when actually employed.	
Supplies and equipment.....	2,500.00	Traveling expenses.....	3,928.05
Miscellaneous expenses.....	1,190.00	Supplies and equipment.....	1,416.68
Total estimate, 1917.....	37,000.00	Miscellaneous expenses.....	1,599.27
Total appropriation, 1916.....	34,500.00	Total expenditures, 1915.....	25,200.00
Increase.....	2,500.00		
Diseases of animals, 1917, \$88,020.		Diseases of animals, 1915, \$77,360.	
Salaries.....	\$49,380.00	Salaries.....	\$33,558.14
As follows:		As follows:	
In Washington—		In Washington—	
1 senior pathologist, \$3,000.		1 assistant zoologist, \$2,220.	
1 assistant zoologist, \$2,220.		1 assistant zoologist, \$1,980.	
1 assistant zoologist, \$1,980.		1 assistant zoologist, \$1,800.	
1 assistant zoologist, \$1,800.		1 junior zoologist, \$1,620.	
1 junior zoologist, \$1,620.		1 bacteriologist, \$2,000.	
1 bacteriologist, \$2,000.		2 veterinary inspectors, at \$1,800 each.	
2 veterinary inspectors, at \$1,800 each.		2 veterinary inspectors, at \$1,400 each.	
1 veterinary inspector, \$2,220.		1 veterinary inspector, \$1,600.	
1 veterinary inspector, \$1,600.		1 superintendent experiment station, \$3,500.	
1 veterinary inspector, \$1,400.		1 clerk, \$1,000.	
1 superintendent experiment station, \$3,500.		1 laboratory assistant, \$1,000.	
1 laboratory assistant, \$1,000.		1 assistant microscopist, \$840.	
1 assistant microscopist, \$840.		1 unskilled laborer, \$720.	
1 unskilled laborer, \$720 (temporary).		1 unskilled laborer, \$600.	
1 unskilled laborer, \$600 (temporary).		1 unskilled laborer, \$360.	
1 unskilled laborer, \$480 (temporary).		2 student assistants, at \$300 each.	
1 unskilled laborer, \$360 (temporary).		1 student assistant, \$25 per month (temporary).	
1 student assistant, \$300 (temporary).		Out of Washington—	
1 student assistant, \$25 per month (temporary).		1 assistant in bacteriology, \$2,160.	
Out of Washington—		1 veterinary inspector, \$2,250.	
1 assistant in bacteriology, \$2,160.		1 research parasitologist, \$1,800.	
1 veterinary inspector, \$2,460.		1 cooperative veterinarian, \$500.	
1 veterinary inspector, \$2,250.		1 expert on contagious diseases of sheep, \$200.	
1 veterinary inspector, \$1,400.		1 expert in milk hygiene, \$1,380.	
1 research parasitologist, \$1,800.		1 collaborator, \$1 per annum.	
1 physiologist in poisonous plant investigation, \$2,400.		1 unskilled laborer, \$600.	
1 physiologist in poisonous plant investigation, \$1,800.		2 unskilled laborers, at \$420 each.	
1 cooperative veterinarian, \$500.		2 unskilled laborers, at \$2.50 per diem each, when actually employed.	
1 expert on contagious diseases of sheep, \$200.		1 unskilled laborer, \$1.75 per diem, when actually employed.	
1 expert in milk hygiene, \$1,380.			
1 collaborator, \$1 per annum.		8 unskilled laborers, at \$1.50 per diem each, when actually employed.	
1 unskilled laborer, \$600 (temporary).		1 agent in poultry diseases, \$1,000.	
1 unskilled laborer, \$540 (temporary).			
1 unskilled laborer, \$480 (temporary).		Traveling expenses.....	1,575.59
1 unskilled laborer, \$450 (temporary).		Supplies and equipment.....	37,387.31
2 unskilled laborers, at \$420 each.		Miscellaneous expenses.....	4,838.96
2 unskilled laborers, at \$2.50 per diem each, when actually employed.		Total expenditures, 1915.....	77,360.00
1 unskilled laborer, \$1.75 per diem, when actually employed.			
8 unskilled laborers, at \$1.50 per diem each, when actually employed.			
1 agent in poultry diseases, \$1,000.			
Traveling expenses.....	3,000.00		
Supplies and equipment.....	35,000.00		
Miscellaneous expenses.....	640.00		
Total estimate, 1917.....	88,020.00		
Total appropriation, 1916.....	85,940.00		
Increase (but as 1 clerk at \$1,000 and 4 laborers at \$480 each have been transferred to statutory roll, the actual increase is \$5,000).....	2,080.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Construction of buildings at Bethesda and Beltsville, Md., 1917, \$23,600.	Construction of buildings at Bethesda and Beltsville, Md., 1915, \$16,500, and \$1,650 by transfer from other lump funds; total, \$18,150.		
<p align="center">PROPOSED CONSTRUCTION WORK.</p> <p align="center"><i>Bethesda, Md.</i></p> <p>4 barns, at \$2,000 each..... \$8,000 1 hay barn..... 600 1 incinerator..... 2,500 \$11,100</p> <p align="center"><i>Beltsville, Md.</i></p> <p>1 storage reservoir..... 1,000 1 small animal house..... 1,500 2 silos..... 1,200 1 silo shed..... 300 1 quarantine shed..... 500 1 sheep barn ¹..... 8,000 12,500</p> <p>Total estimate, 1917..... 23,600 Total appropriation, 1916..... 6,750 Increase..... 16,850 ¹ To replace sheep barn destroyed by fire.</p>	<p align="center">CONSTRUCTION WORK.</p> <p align="center"><i>Beltsville, Md.</i></p> <p>Administration building..... \$3,597.84 Cow stable..... 1,452.61 Cow shed..... 3,049.88 Poultry house..... 2,548.63 Cockerel house..... 711.97 Sheep paddocks, sheep sheds, mess house, and miscellaneous..... 1,789.07 Labor..... \$5,501.92 Materials..... 7,648.08 13,150.00</p> <p>Abattoir (contract with the J. L. Robinson Construction Co.)..... 5,000.00 Total expenditures, 1915..... 18,150.00</p>		
Eradication of hog cholera, 1917, \$35,000.	Eradication of hog cholera, 1915, \$214,000.		
<p>Salaries..... \$16,100.00</p> <p>As follows:</p> <p>In Washington— 1 bacteriologist, \$1,800.</p> <p>Out of Washington— 1 veterinary inspector, \$3,000. 1 veterinary inspector, \$2,040. 1 veterinary inspector, \$1,400. 1 lay inspector, \$1,020. 1 clerk, \$900 (temporary). 1 laborer, \$840. 1 laborer, \$720. 1 unskilled laborer, \$780. 5 unskilled laborers, at \$720 each.</p> <p>Traveling expenses..... 1,000.00 Supplies and equipment..... 15,000.00 Miscellaneous expenses..... 2,900.00 35,000.00</p> <p>Total estimate, 1917..... 35,000.00 Total appropriation, 1916..... 110,000.00</p> <p>Decrease (but as 1 clerk, class 1, and 8 clerks at \$900 each have been transferred to statutory roll, the actual decrease is \$66,600)..... 75,000.00</p>	<p>Salaries..... \$121,544.73</p> <p>As follows:</p> <p>In Washington— 1 veterinary inspector, \$2,220. 1 junior laboratory inspector, \$1,320. 1 clerk, \$1,000. 1 clerk, \$900.</p> <p>Out of Washington— 1 veterinary inspector, \$3,000. 1 veterinary inspector, \$2,100. 6 veterinary inspectors, at \$2,040 each. 1 veterinary inspector, \$2,000. 3 veterinary inspectors, at \$1,980 each. 1 veterinary inspector, \$1,900. 11 veterinary inspectors, at \$1,800 each. 9 veterinary inspectors, at \$1,620 each. 5 veterinary inspectors, at \$1,000 each. 19 veterinary inspectors, at \$1,400 each. 10 clerks, at \$900 each. 1 lay inspector, grade 1, \$840. 1 unskilled laborer, \$780. 6 unskilled laborers, at \$720 each. 1 carpenter, \$5 per diem, when actually employed.</p> <p>Traveling expenses..... 23,400.37 Supplies and equipment..... 53,186.51 Miscellaneous expenses..... 15,868.39 214,000.00</p> <p>Total expenditures, 1915..... 214,000.00</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p align="center">Control of viruses, etc., 1917, \$150,000.</p> <hr/> Salaries..... \$118,680.00 As follows: In Washington— 1 veterinary inspector, \$2,500. 1 bacteriologist, \$2,280. 2 clerks, at \$1,000 each (temporary). Out of Washington— 1 veterinary inspector, \$2,500. 1 veterinary inspector, \$2,220. 7 veterinary inspectors, at \$2,000 each. 2 veterinary inspectors, at \$1,980 each. 2 veterinary inspectors, at \$1,920 each. 1 veterinary inspector, \$1,900. 12 veterinary inspectors, at \$1,800 each. 1 veterinary inspector, \$1,760. 16 veterinary inspectors, at \$1,620 each. 4 veterinary inspectors, at \$1,600 each. 16 veterinary inspectors, at \$1,400 each. 6 clerks, at \$900 each (temporary). Traveling expenses..... 15,000.00 Supplies and equipment..... 12,000.00 Miscellaneous expenses..... 4,320.00 <hr/> Total estimate, 1917..... 150,000.00 Total appropriation, 1916..... 50,000.00 <hr/> Increase (but as 1 clerk at \$1,000 and 1 clerk at \$900 have been transferred to statutory roll, the actual increase is \$101,900). 100,000.00	<p align="center">Viruses, serums, and toxins, 1915, \$65,000.</p> <hr/> Salaries..... \$49,655.06 As follows: In Washington— 1 bacteriologist, \$2,040. Out of Washington— 1 veterinary inspector, \$2,460. 2 veterinary inspectors, at \$2,000 each. 1 veterinary inspector, \$1,980. 7 veterinary inspectors, at \$1,800 each. 4 veterinary inspectors, at \$1,620 each. 6 veterinary inspectors, at \$1,600 each. 22 veterinary inspectors, at \$1,400 each. 1 clerk, \$900 (temporary). Traveling expenses..... 11,525.45 Supplies and equipment..... 846.94 Miscellaneous expenses..... 1,372.55 <hr/> Total expenditures, 1915..... 63,400.00	
<p align="center">Administrative expenses, 1917, \$30,186.</p> <hr/> Salaries..... \$28,036.00 As follows: In Washington— 1 assistant chief of bureau, \$4,000. 1 chief of biochemic division, \$4,000. 1 chief of pathological division, \$3,500. 1 chief of quarantine division, \$3,500. 1 chief of dairy division, \$3,500. 1 chief of animal husbandry division, \$3,500. 1 chief of field inspection division, \$3,000. 1 chief of zoological division, \$3,000. 1 chief of miscellaneous division, \$2,500. 1 veterinary inspector, \$2,750. 1 specialist in scientific and practical agriculture, \$7.50 per diem, when actually employed. Traveling expenses..... 1,000.00 Supplies and equipment..... 250.00 Miscellaneous expenses..... 900.00 <hr/> Total estimate, 1917..... 30,186.00 Total appropriation, 1916..... 39,286.00 <hr/> Decrease (by transfer of 1 assistant chief of miscellaneous division, at \$2,000, to statutory roll of this bureau and 1 inspector at \$2,250, 2 clerks at \$1,600 each, 1 clerk at \$900, and one-fourth salary of 1 assistant in charge of information, \$750, to statutory roll of Secretary's office)..... 9,100.00	<p align="center">Administrative expenses, 1915, \$39,286, less \$1,286 by transfer to foot-and-mouth disease; net amount, \$38,000.</p> <hr/> Salaries..... \$36,198.86 As follows: In Washington— 1 assistant chief of bureau, \$4,000. 1 chief of biochemic division, \$4,000. 1 chief of quarantine division, \$3,500. 1 chief of dairy division, \$3,500. 1 chief of miscellaneous division, \$3,250. 1 chief of field inspection division, \$3,000. 1 chief of zoological division, \$3,000. 1 chief of pathological division, \$3,000. 1 inspector, \$2,250. 1 clerk, \$1,400. 2 clerks, at \$900 each. Traveling expenses..... 758.59 Supplies and equipment..... 227.65 Miscellaneous expenses..... 814.90 <hr/> Total expenditures, 1915..... 38,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Meat Inspection, Bureau of Animal Industry—</i>		
(61) For additional expenses in carrying out the provisions of the meat-inspection act of June 30, 1906 (34 Stat. L., p. 674), there is hereby appropriated for the fiscal year ending June 30, [1916] 1917, the sum of [\$375,000] <i>\$344,500 (act Mar. 4, 1915, vol. 38, p. 1091, sec. 1)</i> -----	\$344, 500. 00	\$375, 000.00
Appropriation for 1914..... \$200,000 Appropriation for 1915..... 375,000 Appropriation for 1916..... 375,000	Estimates for 1914..... \$300,000 Estimates for 1915..... 300,000 Estimates for 1916..... 375,000 Estimates for 1917..... 344,500	
NOTE.—There is an apparent decrease in the above appropriation of \$30,500, due to the transfer of 38 employees to the statutory roll of this bureau, involving \$27,900, and 2 employees to the statutory roll of the Secretary's office, involving \$2,600, as below:		
<i>Transfers to statutory roll of this bureau.</i>		
1 laboratory aid..... 1 laboratory helper..... 1 clerk..... 3 clerks, at \$1,000 each..... 19 clerks, at \$900 each..... 1 skilled laborer..... 1 skilled laborer..... 2 unskilled laborers, at \$480 each..... 2 messenger boys, at \$360 each..... 2 charwomen, at \$480 each..... 1 charwoman..... 1 charwoman..... 3 charwomen, at \$240 each.....	\$1, 020 600 1, 200 3, 000 17, 100 720 240 960 720 960 360 300 720	
	\$27, 900	
<i>Transfers to statutory roll of Secretary's office.</i>		
1 clerk, class 3..... 1 clerk.....	\$1, 600 1, 000	
	2, 600	
Total transfers from meat inspection.....	30, 500	
Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.		
Meat inspection, 1917, \$3,344,500. (Permanent appropriation, \$3,000,000, and annual appropriation, \$344,500.)	Meat inspection, 1915, \$3,375,000. (Permanent appropriation, \$3,000,000, and annual appropriation, \$375,000.)	
Salaries.....\$3,198,500.00	Salaries.....\$3,054,181.59	
As follows:	As follows:	
In Washington—	In Washington—	
1 chief, meat inspection division, \$4,000. 2 veterinary inspectors, at \$3,000 each. 1 veterinary inspector, \$2,760. 3 veterinary inspectors, at \$1,800 each. 1 senior bacteriologist, \$2,820. 1 senior bacteriologist, \$2,700. 1 senior bacteriologist, \$1,800. 1 senior laboratory inspector, \$2,700. 1 senior biochemist, \$2,700. 1 bacteriologist, \$2,220. 1 bacteriologist, \$1,980. 1 sanitary engineer, \$2,250. 1 pathologist, \$2,220. 1 physiologist, \$1,980. 1 laboratory inspector, \$2,040. 3 laboratory inspectors, at \$1,800 each. 1 biochemist, \$2,040. 1 assistant in biochemistry, \$1,800. 1 assistant chemist, \$1,560. 1 assistant chemist, \$1,440. 1 junior laboratory inspector, \$1,400. 1 lay inspector, \$1,380.	1 chief, meat inspection division, \$4,000. 2 veterinary inspectors, at \$3,000 each. 1 veterinary inspector, \$2,760. 3 veterinary inspectors, at \$1,800 each. 1 senior bacteriologist, \$2,820. 1 senior bacteriologist, \$2,700. 1 senior bacteriologist, \$1,800. 1 senior laboratory inspector, \$2,700. 1 senior biochemist, \$2,700. 1 bacteriologist, \$2,220. 1 bacteriologist, \$1,980. 1 sanitary engineer, \$2,250. 1 pathologist, \$2,220. 1 physiologist, \$1,980. 1 laboratory inspector, \$2,040. 3 laboratory inspectors, at \$1,800 each. 1 biochemist, \$2,040. 1 assistant in biochemistry, \$1,800. 1 assistant chemist, \$1,560. 1 assistant chemist, \$1,440. 1 junior laboratory inspector, \$1,400. 1 lay inspector, \$1,380. 1 laboratory aid, \$1,020. 1 clerk, \$1,600. 1 clerk, \$1,000. 2 clerks, at \$900 each. 1 skilled laborer, \$720. 1 skilled laborer, \$240. 2 unskilled laborers, at \$480 each. 2 messenger boys, at \$360 each. 1 charwoman, \$480. 1 charwoman, \$240.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
Meat Inspection, Bureau of Animal Industry—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Meat inspection, 1917, \$3,344,500. (Permanent appropriation, \$3,000,000, and annual appropriation, \$344,500.)			
Out of Washington— 1 veterinary inspector, \$3,500. 2 veterinary inspectors, at \$3,000 each. 1 veterinary inspector, \$2,760. 3 veterinary inspectors, at \$2,750 each. 1 veterinary inspector, \$2,520. 5 veterinary inspectors, at \$2,500 each. 4 veterinary inspectors, at \$2,460 each. 1 veterinary inspector, \$2,280. 10 veterinary inspectors, at \$2,250 each. 7 veterinary inspectors, at \$2,220 each. 8 veterinary inspectors, at \$2,040 each. 33 veterinary inspectors, at \$2,000 each. 22 veterinary inspectors, at \$1,980 each. 4 veterinary inspectors, at \$1,920 each. 41 veterinary inspectors, at \$1,900 each. 175 veterinary inspectors, at \$1,800 each. 92 veterinary inspectors, at \$1,620 each. 75 veterinary inspectors, at \$1,600 each. 1 veterinary inspector, \$1,500. 282 veterinary inspectors, at \$1,400 each. 3 traveling veterinary inspectors, at \$2,250 each. 1 lay inspector, grade 2, \$1,600. 28 lay inspectors, grade 2, at \$1,400 each. 1 lay inspector, grade 2, \$1,380. 19 lay inspectors, grade 2, at \$1,320 each. 928 lay inspectors, grade 2, at \$1,200 each. 6 lay inspectors, grade 2, at \$1,100 each. 78 lay inspectors, grade 1, at \$1,000 each. 12 lay inspectors, grade 1, at \$1,100 each. 259 lay inspectors, grade 1, at \$900 each. 2 lay inspectors, grade 1, at \$960 each. 5 lay inspectors, grade 1, at \$900 each. 382 lay inspectors, grade 1, at \$840 each. 3 special lay inspectors, grade 2, at \$1,600 each. 1 senior laboratory inspector, \$2,340. 1 senior laboratory inspector, \$2,280. 1 senior laboratory inspector, \$2,100. 1 senior laboratory inspector, \$1,980. 1 junior laboratory inspector, \$1,620. 1 junior laboratory inspector, \$1,440. 1 junior laboratory inspector, \$1,320. 1 laboratory inspector, \$2,040. 1 laboratory inspector, \$1,980. 2 under laboratory inspectors, at \$1,200 each. 1 assistant chemist, \$1,400. 1 inspector, \$1,800. 2 inspectors, at \$1,600 each. 1 junior chemist, \$1,400. 1 senior bacteriologist, \$2,220. 1 assistant microscopist, \$900. 1 assistant microscopist, \$600. Traveling expenses..... \$42,000.00 Supplies and equipment..... 50,000.00 Miscellaneous expenses..... 54,000.00 Total estimate, 1917..... 3,344,500.00 Total appropriation, 1916..... 3,375,000.00 Decrease (by transfer of 1 laboratory aid at \$1,020, 1 laboratory helper at \$600, 1 clerk at \$1,200, 3 clerks at \$1,000 each, 19 clerks at \$900 each, 1 skilled laborer at \$720, 1 skilled laborer at \$240, 2 unskilled laborers at \$480 each, 2 messenger boys at \$360 each, 2 charwomen at \$480 each, 1 charwoman at \$360, 1 charwoman at \$300, and 3 charwomen at \$240 each, to the statutory roll, and 1 clerk, class 3, and 1 clerk at \$1,000 to the statutory roll of Secretary's office)..... 30,500.00			
Meat inspection, 1915, \$3,375,000. (Permanent appropriation, \$3,000,000, and annual appropriation, \$375,000.)			
Out of Washington— 1 veterinary inspector, \$3,500. 2 veterinary inspectors, at \$3,000 each. 1 veterinary inspector, \$2,760. 4 veterinary inspectors, at \$2,750 each. 1 veterinary inspector, \$2,520. 5 veterinary inspectors, at \$2,500 each. 3 veterinary inspectors, at \$2,460 each. 1 veterinary inspector, \$2,280. 10 veterinary inspectors, at \$2,250 each. 6 veterinary inspectors, at \$2,220 each. 32 veterinary inspectors, at \$2,000 each. 5 veterinary inspectors, at \$1,980 each. 4 veterinary inspectors, at \$1,920 each. 33 veterinary inspectors, at \$1,900 each. 190 veterinary inspectors, at \$1,800 each. 39 veterinary inspectors, at \$1,620 each. 99 veterinary inspectors, at \$1,600 each. 1 veterinary inspector, \$1,500. 337 veterinary inspectors, at \$1,400 each. 3 traveling veterinary inspectors, at \$2,250 each. 1 lay inspector, grade 2, \$1,600. 29 lay inspectors, grade 2, at \$1,400 each. 1 lay inspector, grade 2, \$1,380. 18 lay inspectors, grade 2, at \$1,320 each. 853 lay inspectors, grade 2, at \$1,200 each. 6 lay inspectors, grade 2, at \$1,100 each. 144 lay inspectors, grade 2, at \$1,000 each. 13 lay inspectors, grade 1, at \$1,100 each. 178 lay inspectors, grade 1, at \$1,000 each. 3 lay inspectors, grade 1, at \$960 each. 9 lay inspectors, grade 1, at \$900 each. 432 lay inspectors, grade 1, at \$840 each. 3 special lay inspectors, grade 2, at \$1,600 each. 1 senior laboratory inspector, \$2,340. 1 senior laboratory inspector, \$2,280. 1 senior laboratory inspector, \$2,100. 1 senior laboratory inspector, \$1,980. 1 junior laboratory inspector, \$1,620. 1 junior laboratory inspector, \$1,440. 1 junior laboratory inspector, \$1,320. 1 laboratory inspector, \$2,040. 1 laboratory inspector, \$1,980. 2 under laboratory inspectors, at \$1,200 each. 1 assistant chemist, \$1,400. 1 charwoman, \$480. 1 charwoman, \$360. 1 charwoman, \$300. 2 charwomen, at \$240 each. 3 clerks, at \$1,200 each. 3 clerks, at \$1,000 each. 11 clerks, at \$900 each. 1 inspector, \$1,800. 2 inspectors, at \$1,600 each. 1 senior bacteriologist, \$2,220. 1 assistant microscopist, \$900. 1 assistant microscopist, \$600. 1 laboratory helper, \$600. 1 collaborating veterinarian, \$5 per month. Traveling expenses..... \$41,623.54 Supplies and equipment..... 49,455.70 Miscellaneous expenses..... 52,319.23 Total expenditures, 1915..... 3,197,580.06			
Total for Bureau of Animal Industry (increase \$230,210)		\$2,815,746.00	\$2,585,536.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
BUREAU OF PLANT INDUSTRY.		
<i>Salaries, Bureau of Plant Industry—</i>		
(1) One physiologist and pathologist, who shall be chief of bureau (<i>acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; Mar. 4, 1915, vol. 38, pp. 1091, 1092, sec. 1</i>)	\$5,000.00	
(2) One chief clerk (<i>same acts</i>)	3,000.00	
(3) One executive assistant in seed distribution (<i>same acts</i>)	2,500.00	
(4) One officer in charge of publications (<i>same acts</i>)	2,250.00	
(5) One landscape gardener (<i>same acts</i>)	1,800.00	
(6) One officer in charge of records (<i>same acts</i>)	2,250.00	
(7) One superintendent of seed weighing and mailing (<i>same acts</i>)	2,000.00	
[One executive clerk, \$2,250, transferred to statutory roll of Secretary's office.]		
(8) Two executive clerks, at \$1,980 each (decrease of 1 by transfer to statutory roll of Secretary's office) (<i>same acts</i>)	3,960.00	
(9) One assistant superintendent of seed warehouse (<i>same acts</i>)	1,400.00	
(10) One seed inspector (<i>same acts</i>)	1,000.00	
(11) One seed warehouseman (<i>same acts</i>)	1,400.00	
(12) One seed warehouseman (<i>same acts</i>)	1,020.00	
(13) One seed warehouseman (<i>same acts</i>)	1,000.00	
(14) One seed warehouseman (<i>same acts</i>)	840.00	
(15) Six clerks, class 4 (<i>same acts</i>)	10,800.00	
(16) Twelve clerks, class 3 (<i>same acts</i>)	19,200.00	
(17) Three clerks, at \$1,500 each (increase of 1 in lieu of 2 clerks at \$840 each, with decrease of \$180) (<i>same acts</i>)	4,500.00	
NOTE.—This change will result in a saving of \$180 and will enable the bureau to secure the services of a high-grade clerk by dispensing with two low-grade employees. It is difficult to get experienced clerks at \$840.		
(18) Twenty clerks, class 2 (decrease of 1 by change to 1 clerk or artist at \$1,400 as below) (<i>same acts</i>)	28,000.00	
(19) Forty-seven clerks, class 1 (<i>same acts</i>)	56,400.00	
(20) One clerk or draftsman (<i>same acts</i>)	1,200.00	
(21) One clerk (<i>same acts</i>)	1,080.00	
(22) Eight clerks, at \$1,020 each (<i>same acts</i>)	8,160.00	
(23) Twenty-three clerks, at \$1,000 each (<i>same acts</i>)	23,000.00	
(24) Forty-five clerks, at \$900 each (<i>same acts</i>)	40,500.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Bureau of Plant Industry—Continued.</i>		
(25) One clerk or draftsman (<i>acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; Mar. 4, 1915, vol. 38, pp. 1091, 1092, sec. 1</i>)-----	\$900. 00	
(26) Nineteen clerks, at \$840 each (decrease of 2 by change to 1 clerk at \$1,500 as above) (<i>same acts</i>)-----	15, 960. 00	
(27) Two clerks, at \$720 each (<i>same acts</i>)-----	1, 440. 00	
(28) One laborer (<i>same acts</i>)-----	780. 00	
(29) Forty-one messengers or laborers, at \$720 each (decrease of 1 by transfer to statutory roll of Secretary's office) (<i>same acts</i>)-----	29, 520. 00	
(30) Eleven messengers, messenger boys, or laborers, at \$660 each (<i>same acts</i>)-----	7, 260. 00	
(31) Twenty-six messengers, messenger boys, or laborers, at \$600 each (<i>same acts</i>)-----	15, 600. 00	
(32) One artist (<i>same acts</i>)-----	1, 620. 00	
(33) One clerk or artist (in lieu of 1 clerk, class 2) (<i>same acts</i>)-----	1, 400. 00	
NOTE.—This change in designation is recommended in order to have the title of this employee conform more closely to the character of the work performed.		
(34) Two clerks or artists, at \$1,200 each (<i>same acts</i>)-----	2, 400. 00	
(35) One photographer (<i>same acts</i>)-----	1, 200. 00	
(36) One photographer (<i>same acts</i>)-----	840. 00	
(37) One laboratory aid (<i>same acts</i>)-----	1, 440. 00	
(38) One laboratory aid (<i>same acts</i>)-----	1, 380. 00	
(39) Three laboratory aids or clerks, at \$1,200 each (<i>same acts</i>)-----	3, 600. 00	
(40) One laboratory aid, clerk, or skilled laborer (in lieu of 1 laboratory aid or clerk, at \$1,080) (<i>same acts</i>)-----	1, 080. 00	
NOTE.—This change in designation is made in order that the class of labor best suited to the needs of the bureau may be engaged as vacancies occur.		
(41) Two laboratory aids, clerks, or skilled laborers, at \$1,020 each (in lieu of 2 laboratory aids or clerks, at \$1,020 each) (<i>same acts</i>)--	2, 040. 00	
NOTE.—This change in designation is made in order that the class of labor best suited to the needs of the bureau may be engaged as vacancies occur.		
(42) Three laboratory aids, at \$960 each (in lieu of 4 laboratory aids, at \$600 each, and 1 laboratory aid at \$720 omitted, with total decrease of \$240) (<i>same acts</i>)-----	2, 880. 00	
(43) One laboratory aid (<i>same acts</i>)-----	900. 00	
(44) Five laboratory aids, at \$840 each (<i>same acts</i>)-----	4, 200. 00	
(45) Six laboratory aids, at \$720 each (decrease of 1 by change to laboratory aid at \$960, as above) (<i>same acts</i>)-----	4, 320. 00	
[Four laboratory aids, at \$600 each, changed to laboratory aids at \$960, as above.]		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Bureau of Plant Industry—Continued.</i>		
(46) One laboratory apprentice (<i>acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; Mar. 4, 1914, vol. 58, pp. 1091, 1092, sec. 1</i>)	\$720. 00	
(47) One map tracer (<i>same acts</i>)	600. 00	
(48) Two gardeners, at \$1,440 each (<i>same acts</i>)	2, 880. 00	
(49) Four gardeners, at \$1,200 each (<i>same acts</i>)	4, 800. 00	
(50) Eight gardeners, at \$1,100 each (<i>same acts</i>)	8, 800. 00	
(51) Fifteen gardeners, at \$900 each (<i>same acts</i>)	13, 500. 00	
(52) Nineteen gardeners, at \$780 each (<i>same acts</i>)	14, 820. 00	
(53) One skilled laborer (decrease of 1 by change to 1 mechanic at \$1,080, as below) (<i>same acts</i>)	960. 00	
(54) Two skilled laborers, at \$900 each (<i>same acts</i>)	1, 800. 00	
(55) Three skilled laborers, at \$840 each (<i>same acts</i>)	2, 520. 00	
(56) One assistant in technology (<i>same acts</i>)	1, 400. 00	
(57) One assistant in technology (<i>same acts</i>)	1, 380. 00	
(58) One mechanic (in lieu of 1 skilled laborer at \$960, with increase of \$120) (<i>same acts</i>)	1, 080. 00	
NOTE.—This employee now carried on the rolls as skilled laborer is in reality a skilled mechanic. He is industrious and willing and performs all the mechanical repair work in connection with the bureau's greenhouses. He has made himself very useful in this work and is deserving of the small increase.		
(59) One mechanical assistant (<i>same acts</i>)	1, 200. 00	
(60) One blacksmith (<i>same acts</i>)	900. 00	
(61) One carpenter (<i>same acts</i>)	900. 00	
(62) One painter (<i>same acts</i>)	900. 00	
(63) One teamster (<i>same acts</i>)	840. 00	
(64) One teamster (<i>same acts</i>)	600. 00	
(65) Twenty-one laborers, at \$540 each (<i>same acts</i>)	11, 340. 00	
(66) Twenty-four laborers, messengers, or messenger boys, at \$480 each (<i>same acts</i>)	11, 520. 00	
(67) Two laborers or charwomen, at \$480 each (decrease of 1 by change to 1 charwoman at \$240) (<i>same acts</i>)	960. 00	
[Two laborers or charwomen, at \$360 each, changed to 2 charwomen at \$240 each, as below.]		
(68) Two laborers or messenger boys, at \$420 each (decrease of 1 by change to 1 charwoman at \$240) (<i>same acts</i>)	840. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Bureau of Plant Industry—Continued.</i>		
(69) Twenty charwomen, at \$240 each (increase of 4, 1 in lieu of 1 laborer or charwoman at \$480, 2 in lieu of 2 laborers or charwomen at \$360 each, and 1 in lieu of 1 laborer or messenger boy at \$420, with total decrease of \$660) (<i>acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; Mar. 4, 1915, vol. 38, pp. 1091, 1092, sec. 1</i>) -	\$4, 800. 00	
NOTE.—All the employees included in this item are engaged in char work. It has been found more satisfactory to require such work to be done almost entirely upon a half-day basis. Under this plan it has been possible to perform the necessary work with the number of employees noted. The changes in designation are recommended in order that the titles of all of these employees may indicate the character of their work. The change effects a saving of \$660.		
(70) Eleven messenger boys, at \$360 each (<i>same acts</i>) - - - - -	3, 960. 00	
(71) Four messenger boys, at \$300 each (<i>same acts</i>) - - - - -	1, 200. 00	
	\$418, 240. 00	\$424,150.00
Appropriations for 1907..... \$163,060	Estimates for 1908..... \$189,200	
Appropriations for 1908..... 189,450	Estimates for 1909..... 187,410	
Appropriations for 1909..... 187,410	Estimates for 1910..... 189,950	
Appropriations for 1910..... 210,510	Estimates for 1911..... 255,270	
Appropriations for 1911..... 255,270	Estimates for 1912..... 330,320	
Appropriations for 1912..... 330,470	Estimates for 1913..... 374,790	
Appropriations for 1913..... 379,820	Estimates for 1914..... 424,380	
Appropriations for 1914..... 427,690	Estimates for 1915..... 476,520	
Appropriations for 1915..... 478,170	Estimates for 1916..... 429,430	
Appropriations for 1916..... 424,150	Estimates for 1917..... 418,240	
NOTE.—Apparent decrease, \$5,910; actual decrease, \$960.		
<i>Promotion.</i>		
1 skilled laborer, \$960, to 1 mechanic, \$1,080.	\$120	
		\$120
<i>Decreases.</i>		
1 clerk, \$1,500, in lieu of 2 clerks, at \$840 each.	180	
3 laboratory aids, at \$960 each, in lieu of 4 laboratory aids, at \$600 each, and 1 laboratory aid, at \$720.	240	
1 charwoman, at \$240, in lieu of 1 laborer or charwoman, at \$480.	240	
2 charwomen, at \$240 each, in lieu of 2 laborers or charwomen, at \$360 each.	240	
1 charwoman, at \$240, in lieu of 1 laborer or messenger boy, at \$420.	180	
		1, 080
Actual decrease.		960
<i>Transfers to statutory roll of Secretary's office and statutory roll of this bureau correspondingly reduced.</i>		
1 executive clerk.	2, 250	
1 executive clerk.	1, 980	
1 messenger or laborer.	720	
		4, 950
Apparent decrease.		5, 910
<i>Change of title.</i>		
1 clerk or artist, \$1,400, in lieu of 1 clerk, class 2.		
1 laboratory aid, clerk, or skilled laborer, \$1,080, in lieu of 1 laboratory aid or clerk, at \$1,080.		
2 laboratory aids, clerks, or skilled laborers, at \$1,020 each, in lieu of 2 laboratory aids or clerks, at \$1,020 each.		
1 mechanic, at \$1,080, in lieu of 1 skilled laborer, at \$960.		
4 cha. women, at \$240 each, in lieu of 1 laborer, or charwoman, at \$480, 1 laborer or messenger boy, at \$420, and 2 laborers or charwomen, at \$360 each.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—</i>		
(72) For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers, and for the erection of necessary farm buildings: <i>Provided</i> , That the cost of any building erected shall not exceed \$1,500; for field and station expenses, including fences, drains, and other farm improvements; for repairs in the District of Columbia and elsewhere; for rent outside of the District of Columbia; and for the employment of all investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigations, experiments, and demonstrations herein authorized, as follows:		
(73) For investigations of plant diseases and pathological collections [\$34,500] (<i>act Mar. 4, 1915, vol. 38, pp. 1092-1094, sec. 1</i>) ----	\$38,500.00	
NOTE.—There is an increase in the above item of \$4,000. During the past few years the Granville tobacco wilt has assumed serious proportions in Florida and other southern tobacco-growing regions. A careful study supported by field experiments has been undertaken but can not be properly developed or adequately financed with present funds. This increase is needed for that purpose.		
(74) For the control of diseases of orchard and other fruits [\$56,115] (<i>same act</i>) -----	63,615.00	
NOTE.—There is an increase in the above item of \$7,500, which it is proposed to use as follows: (a) General orchard diseases, \$2,500. A very marked increase has taken place in the demands for investigation and service in the control of pear blight in the eastern States from Georgia to Pennsylvania, and west to Colorado, and in the States of Idaho, Washington, Oregon, and California, and for help in the investigation and control of new peach diseases, of unusual frost injuries, of apple cankers, apple root rot, etc. Investigations necessary in supplementing the work of the Insecticide and Fungicide Board also are increasing in number and importance. (b) Citrus and subtropical fruit diseases, \$5,000. The importance of immediate and careful study of the diseases affecting citrus fruits in the Gulf States has been very forcibly emphasized by the destructive ravages of the citrus canker. It has become apparent that a more comprehensive study should be inaugurated for the protection and improvement of the citrus industry in so far as it is endangered through the spread of plant diseases. Citrus canker, melanose, sour scab, and root rot at present are widespread and are causing heavy losses.		
(75) For the investigation of diseases of forest and ornamental trees and shrubs, including a study of the nature and habits of the parasitic fungi causing the chestnut-tree bark disease, the white-pine blister rust, and other epidemic tree diseases, for the purpose of discovering new methods of control (<i>same act</i>) -----	57,175.00	
(76) For the control of diseases of cotton, potatoes, truck crops, forage crops, drug and related plants [\$56,000] (<i>same act</i>) -----	59,000.00	
NOTE.—The above increase of \$3,000 is desired for extending the cotton-disease investigations. Work on cotton diseases has been undertaken for two purposes: First, to bring into general use the wilt-resistant varieties of cotton already developed, and, second, to investigate and work out the best methods for the control of root knot of cotton and to develop new resistant varieties of cotton suitable for boll-weevil conditions. Cooperative investigations along these lines are now being carried on in Alabama, and it is believed that the work should be given more support. An active campaign should be developed in cooperation with the county agents for the purpose of rendering the work available to cotton planters.		

Estimates for appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
(77) For investigating the physiology of crop plants and for testing and breeding varieties thereof ["\$44,540"] (<i>act Mar. 4, 1915, vol. 38, pp. 1092-1094, sec. 1</i>)-----	\$49,540. 00	
NOTE.—The outbreak of citrus canker in the Gulf States, seriously threatening the grapefruit industry, has emphasized the importance of experiments now under way in the breeding of disease-resistant citrus varieties. This work forms practically a second line of defense against citrus canker and other serious citrus diseases, and the increase of \$5,000 recommended is required for the proper conduct of the work.		
(78) For soil-bacteriology and plant-nutrition investigations, including the testing of samples, procured in the open market, of cultures for inoculating legumes, and if any such samples are found to be impure, nonviable, or misbranded, the results of the tests may be published, together with the names of the manufacturers and of the persons by whom the cultures were offered for sale (<i>same act</i>)-----	42, 000. 00	
(79) For soil-fertility investigations into organic causes of infertility and remedial measures, maintenance of productivity, properties and composition of soil humus, and the transformation and formation of soil humus by soil organisms ["\$32,700"] (<i>same act</i>) ..	35, 200. 00	
NOTE.—This item carries an increase of \$2,500, which is required for the satisfactory development of the work in connection with the relation of soil conditions to powdery scab of potatoes in Maine and other States, in cooperation with the office of cotton and truck diseases. These studies will include an examination of the chemical, physical, and biological factors involved in soils in which the potato is affected with the powdery scab, including a comparison of fertilizer treatments.		
(80) For acclimatization and adaptation investigations of cotton, corn, and other crops introduced from tropical regions, and for the improvement of cotton by cultural methods, breeding, and selection ["\$37,580"] (<i>same act</i>)-----	42, 580. 00	
NOTE.—The increase of \$5,000 in the above item is requested in order to aid county agents in their demonstration tests of the new single-stalk system of cotton culture, which has been developed to a point where satisfactory extension work seems possible, and especially to enable cooperation with local organizations of cotton growers with a view to establishing the community plan for developing and maintaining superior varieties and producing larger crops of cotton.		
(81) For the investigation, testing, and improvement of plants yielding drugs, spices, poisons, oils, and related products and by-products, and for general physiological and fermentation investigations (<i>same act</i>)-----	48, 820. 00	
(82) For crop technological and fiber plant investigations, including the study of plant-infesting nematodes ["\$19,770"] (<i>same act</i>)-----	25, 770. 00	
NOTE.—It is proposed to use this \$6,000 increase as follows: (a) \$5,000 for development of the work on plant-infesting nematodes. From such studies as it has been possible to make on this subject it has become apparent that this comparatively new science should be prosecuted vigorously, both for the purpose of determining the extent and seriousness of various nematode diseases of plants and in order to establish a basis for the development of control methods. Practically no work of this character is under way at the present time. (b) \$1,000 for fiber-plant investigations. The temporary embargo on henequen, or sisal, threatening a binder-twine famine, emphasizes the importance of conducting investigations regarding the industry in Hawaii and other tropical possessions. The work of the past few years in breeding flax and hemp for fiber purposes has now passed the stage of experimentation, and the practical importance of these investigations has become so obvious that they should be continued and extended. The new language is added so as to provide specific authority for the nematode work, which heretofore has been carried on under this item.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
(83) For investigating the handling, grading, and transportation of grain, including the grain sorghums, and the fixing of definite grades thereof [\$72,920] (act Mar. 4, 1915, vol. 38, pp. 1092-1094, sec. 1) \$109, 920. 00		
NOTE.—There is an increase in the above item of \$37,000, which it is proposed to use as follows;		
(a) \$25,000 for the establishment of three new grain-standardization laboratories. In order to meet the urgent need of the grain industry for uniform grades for grain, it seems highly important that the department be in position to establish standard grades, at least for wheat, in time for the crop of 1917. To bring together the necessary data and to make the work sufficiently comprehensive and thorough, the additional laboratories will be necessary.		
(b) \$7,500 for investigations of the handling, grading, and transportation of kafir, milo, and other grain sorghums. During the past few years the production of kafir has increased throughout the semiarid regions, and recently the growers have experienced great difficulty in handling and storing it. During the present season the losses resulting from deterioration of improperly handled kafir are exceedingly heavy. Repeated appeals have been made to the department for investigations along these lines and it is very desirable that the work be undertaken. It will be necessary to make a study of the methods of growing, storing, and handling kafir on the farm, of the condition of the grain when shipped, etc. It is believed, because of the growing importance of this crop and of the development of these emergency conditions, the increase recommended is warranted.		
(c) \$4,500 for a study of grain-handling methods in the Southern States. With the development of the grain business in the Southern States it has become necessary for this department to cooperate with farmers, grain dealers, and others in developing proper methods of handling and storing grain.		
New language is added in order to provide specific authority for work in the handling and grading of grain sorghums.		
(84) For biophysical investigations in connection with the various lines of work herein authorized [\$25,000] (same act) 32, 500. 00		
NOTE.—There is an increase in the above subappropriation of \$7,500. Water-requirement experiments have been inaugurated and effectively prosecuted for several seasons but so far have been limited to dry-land stations. The work appears to give promise of establishing the actual water requirement of different crops under dry-farming conditions. It is desired to extend the investigation to the irrigated districts, particularly to the Government reclamation projects. It is believed that the work will not only eventually lead to the more efficient use of water but also will make possible the more intelligent use of water and therefore lessen the danger of ruining the lands through seepage. It is proposed to utilize this increase by inaugurating work of this kind on the Umatilla (Oreg.), Truckee-Carson (Nev.), and Yuma (Ariz.), reclamation projects.		
(85) For studying and testing commercial seeds, including the testing of samples of seeds of grasses, clover, or alfalfa, and lawn-grass seeds secured in the open market, and where such samples are found to be adulterated or misbranded the results of the tests shall be published, together with the names of the persons by whom the seeds were offered for sale (same act) 28, 700. 00		
(86) For the investigation and improvement of cereals and methods of cereal production, and the study of cereal diseases, and for the investigation of the cultivation and breeding of flax for seed purposes, including a study of flax diseases, and for the investigation and improvement of broom corn and methods of broom-corn production [\$142,005] \$147,005: Provided, That not less than \$40,000 shall be set aside for the study of corn improvement and methods of corn production (same act) 147, 005. 00		
NOTE.—There is an increase in the above item of \$5,000. For several years there has been a constant demand for increase in the development of the flax work, especially the cultural development and breeding of flax for seed. The paint and oil interests of the country heretofore have rendered financial aid to at least one of the State experiment stations with which this bureau is cooperating in this investigation, but as this assistance has been materially reduced a distinct retardation of the work during the coming year will result unless increased funds are provided by Congress. The experimental work now under way is of much practical importance, but it is yet in the formative stage. \$1,500 has been allotted to this work during the present fiscal year under the proviso in the subappropriation for testing and breeding fibrous plants used for paper making, but this is insufficient to adequately carry on the work. It is recommended that in place of that proviso an actual increase of \$5,000 be allowed for flax investigations under this paragraph.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
(87) For the investigation and improvement of tobacco and the methods of tobacco production and handling ["\$25,000"] (<i>act Mar. 4, 1915, vol. 38, pp. 1092-1094, sec. 1</i>) -----	\$27, 500. 00	
NOTE.—There is an increase in the above item of \$2,500. The quality of the crop has declined by reason of adverse soil conditions which encourage the development of root rot, and in the packing houses the losses from black rot and molds have recently increased to an alarming extent. This area produces 50,000,000 pounds of tobacco annually and is the only important tobacco district in the United States in which the department has conducted no investigations. The State Experiment Station of Wisconsin has requested the assistance of the department in inaugurating investigations with the hope of ameliorating these conditions.		
(88) For testing and breeding fibrous plants, including the testing of flax straw, in cooperation with the North Dakota Agricultural College, which may be used for paper making, \$10,840 ["Provided, That \$5,000 of this amount may be used in testing and breeding flax, with a view to increasing the quality and oil content of flaxseed, including rotation experiments and demonstrations"] (<i>same act</i>) -----	10, 840. 00	
NOTE.—The proviso in the above paragraph is omitted. The flax testing and breeding work is provided for under the item for cereal investigations, to which it more closely relates. During the present year only \$1,500 of the \$5,000 made available under this proviso has been used for flax testing and breeding, the balance of the \$10,840 being allotted to the paper-plant work. The transfer of the flax work to another item appears to involve an increase of \$1,500 for the paper-plant work, but the actual result is merely to restore this appropriation to the amount appropriated for the paper-plant work for the fiscal year 1915. This \$1,500 is necessary in order to construct and place within the flax region, for experimental use, machines which have been designed for the manufacture of flax tow. Some of the work of this project has been carried beyond the laboratory stage and, if usable results are to be secured, it is imperative that tests be made on a commercial scale. Without the restoration of this \$1,500 it will be impossible to make such tests effectively because of the distance of the flax-producing districts from the paper and tow mills. Four other materials have given, in laboratory tests, promise of encouraging results. These are corn, hemp hurds, cornstalks, and yucca. These have been tested in the laboratory but further progress can be made only by conducting experiments on a commercial scale, and this also will make it necessary to have the appropriation restored to the amount previously available.		
(89) For the breeding and physiological study of alkali-resistant and drought-resistant crops (<i>same act</i>) -----	22, 280. 00	
(90) For sugar-beet investigations, including studies of diseases and the improvement of the beet and methods of culture, and to determine for each sugar-beet area the agricultural operations required to insure a stable agriculture, \$41,495: <i>Provided, That of this sum \$10,000 may be used for investigations in connection with the production of table sirup, including the breeding, culture, and diseases of cane, and the methods of manufacture, standardization, and marketing of sirup, and the utilization of cane by-products</i> (<i>same act</i>) -----	41, 495. 00	
(91) For investigations in economic and systematic botany and the improvement and utilization of wild plants and grazing lands (<i>same act</i>) -----	24, 000. 00	
(92) For the investigation and improvement of methods of crop production under subhumid, semiarid, or dry-land conditions, \$160,000: <i>Provided, That the limitation in this act as to the cost of farm buildings shall not apply to this paragraph</i> (<i>same act</i>) -----	160, 000. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
(93) For investigations in connection with western irrigation agriculture, the utilization of lands reclaimed under the reclamation act, and other areas in the arid and semiarid regions [\$70,380] (<i>act Mar. 4, 1915, vol. 38, pp. 1092-1094, sec. 1</i>) -----	\$75, 380. 00	
NOTE.—It is proposed to use this \$5,000 increase in the inauguration of irrigation studies at the Lawton, Okla., field station, with special reference to the production of truck crops and small fruits.		
(94) For the investigation and improvement of fruits, and the methods of fruit growing, harvesting, packing, storing, handling, and shipping, and for experimental shipments of fruits within the United States and to foreign countries (<i>same act</i>) -----	105, 060. 00	
(95) To cultivate and care for [experimental] the gardens and grounds of the Department of Agriculture in the city of Washington, including the keep and lighting of the grounds and the construction, surfacing, and repairing of roadways and walks; and to erect, manage, and maintain conservatories, greenhouses, and plant and fruit propagating houses on the grounds of the Department of Agriculture in the city of Washington (<i>same act</i>) -----	11, 690. 00	
NOTE.—The charges in language are for the purpose of simplifying the problem of maintaining in a satisfactory condition the department gardens and grounds and also to insure authority to this department to erect greenhouses on these grounds when the necessity for additional greenhouses arises from time to time in connection with investigational work.		
In previous years the Bureau of Plant Industry has provided under this item for practically the entire care of the grounds in the department reservation, but under a strict interpretation of the language of this paragraph the authority is limited to work of an experimental character. It is proposed to omit the word "experimental" so as to broaden and make clear the authority to conduct all necessary work connected with the proper maintenance and care of the gardens and grounds of the department in Washington.		
(96) For horticultural investigations, including the study of producing, handling, and shipping truck and related crops, including potatoes, and the study of landscape and vegetable gardening, floriculture, and related subjects (<i>same act</i>) -----	56, 080. 00	
(97) For continuing the necessary improvements to establish and maintain a general experiment farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the act of Congress approved April eighteenth, nineteen hundred, \$15,000: <i>Provided, That the limitation in this act as to the cost of farm buildings shall not apply to this paragraph (same act)</i> -----	15, 000. 00	
NOTE.—The authority that would be conferred by the new language is especially desirable as an insurance against fire emergencies. The present cost limit for farm buildings is \$1,500. With this restriction it would be impossible in case of fire or other serious accident to promptly reequip the Arlington farm even if funds were available under this paragraph.		
(98) For investigations in foreign seed and plant introduction, including the study, collection, purchase, testing, propagation, and distribution of rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries and from our possessions, and for experiments with reference to their introduction and cultivation in this country (<i>same act</i>) -----	70, 400. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
(99) For the purchase, propagation, testing, and distribution of new and rare seeds; for the investigation and improvement of grasses, alfalfa, clover, and other forage crops, including the investigation of the utilization of cacti and other dry-land plants; and to conduct investigations to determine the most effective methods of eradicating weeds, ["\$119,920"] \$140,920: Provided, That of this amount not to exceed \$60,000 may be used for the purchase and distribution of [drought-resistant field seeds throughout the Great Plains area and other dry-land sections of the United States] such new and rare seeds (act Mar. 4, 1915, vol. 38, pp. 1092-1094, sec. 1) -----	\$140,920.00	
NOTE.—This item carries an increase of \$21,000. Unusual opportunities were afforded this year for the purchase of seeds and there were also available for distribution certain quantities which would not ordinarily be available. Accordingly it was possible to make a distribution during the present year at a cost of \$46,530, which under ordinary circumstances would have required an expenditure of about \$65,000. These conditions are not likely to recur, and hence it is urgently recommended that the \$60,000 proviso for the distribution of new and rare seeds be allowed to stand.		
\$13,470 of the amount covered by the proviso has been utilized this year for investigational work on forage crops, making available for such investigations during the current year \$73,390. It is now proposed to use next year \$80,920 for forage-crop investigations, an increase of \$7,530 over the funds available for such purposes during the present year. Additional funds are urgently needed, especially to meet the constant demand for help from the South and to enlarge the work with alfalfa in the eastern part of the United States. At the present time the only fixed forage-crop work in the South is the testing and introduction work conducted at Biloxi, Miss., the bluegrass pasture work in cooperation with the Virginia and Tennessee experiment stations, and soy-bean work in cooperation with the North Carolina experiment station, the total annual expenditure for which is about \$4,000. This is entirely inadequate to meet the needs. The demand from the South for aid on forage-crop problems has become more insistent with the increasing interest in live stock in that region. Assistance can be economically and probably most efficiently rendered through cooperative investigations with the State experiment stations.		
Interest in alfalfa in the Eastern States continues to grow and the demands for assistance are beyond our present ability to supply. In the northernmost States as well as in the cotton belt there is still need of critical experimental investigations to furnish more definite data for use in connection with this work.		
The change in phraseology is recommended in order that the distribution shall cover all new and rare seeds of promise and be applicable to every section of the country. The appropriation as a whole applies to new and rare seeds, but as the proviso is worded in the current act the \$60,000 is restricted to drought-resistant field seed and the area of distribution is limited to the dry-land sections of the United States.		
(100) For general administrative expenses connected with the above-mentioned lines of investigation, including the office of the chief of bureau, the assistant chief of bureau, the chief clerk, the officers in charge of publications, records, supplies, and property, and for miscellaneous expenses incident thereto ["\$32,490"] (same act) -----	31,020.00	
NOTE.—There is an apparent decrease in the above item of \$1,470, due to the transfer to the statutory roll of the Secretary's office of one watchman at \$720, and \$750 to cover part of the salary of an assistant in charge of information.		
In all, for general expenses -----		\$1,571,990.00 \$1,462,460.00
Appropriations for 1907..... \$495,260 Appropriations for 1908..... 584,780 Appropriations for 1909..... 896,266 Appropriations for 1910..... 1,180,796 Appropriations for 1911..... 1,193,346 Appropriations for 1912..... 1,441,536 Appropriations for 1913..... 1,658,080 Appropriations for 1914..... 1,944,305 Appropriations for 1915..... 2,880,875 Appropriations for 1916..... 1,462,460	Estimates for 1908..... \$584,780 Estimates for 1909..... 666,266 Estimates for 1910..... 1,127,006 Estimates for 1911..... 1,133,346 Estimates for 1912..... 1,347,326 Estimates for 1913..... 1,438,590 Estimates for 1914..... 2,099,680 Estimates for 1915..... 2,237,135 Estimates for 1916..... 1,573,275 Estimates for 1917..... 1,571,990	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>			
Pathological laboratory, 1917, \$38,500.	Pathological laboratory, 1915, \$37,000, and \$235 by transfer from cereal investigations, less \$1,200 by transfer to experimental gardens and grounds; net amount, \$36,035.		
Salaries..... \$25,300.00	Salaries..... \$26,534.33		
As follows:	As follows:		
In Washington—	In Washington—		
1 pathologist in charge, \$4,000.	1 pathologist in charge, \$4,000.		
1 mycologist, \$2,220.	1 pathologist, \$150 per month.		
1 pathologist, \$150 per month.	1 assistant pathologist, \$2,040.		
3 assistant pathologists, at \$2,040 each.	1 assistant pathologist, \$2,040 (11½ months).		
1 assistant mycologist, \$1,800.	1 assistant pathologist, \$1,800.		
1 assistant pathologist, \$1,800.	1 assistant pathologist, \$1,800 (11½ months).		
2 scientific assistants, at \$1,440 each.	1 mycologist, \$2,220.		
1 scientific assistant, \$1,380.	1 assistant mycologist, \$1,800.		
1 botanical translator, \$1,200.	1 scientific assistant, \$1,620 (10½ months).		
1 assistant, \$1,200.	2 scientific assistants, at \$1,440 each.		
1 scientific assistant in library science, \$900.	1 scientific assistant, \$1,380.		
	1 scientific assistant, \$900 (9 months).		
	1 botanical translator, \$1,000.		
	1 laboratory aid, \$600 (1½ months).		
	1 messenger boy, \$360 (5½ months).		
	1 unskilled laborer, \$25 per month (2½ months).		
	Out of Washington—		
	1 agent, \$1,200 (7 months).		
	1 agent, \$100 per month (3 months), and collaborator \$25 per month (2 months) and \$35 per month (2 months).		
	1 agent, \$100 per month (3 months) and \$35 per month (2 months).		
	1 agent, \$75 per month (2½ months).		
	1 unskilled laborer, \$35 per month (8 months).		
	1 unskilled laborer, \$60 per month (1 month).		
	1 unskilled laborer, \$30 per month (8½ months).		
Traveling expenses..... 3,150.00	Traveling expenses..... 2,039.34		
Supplies and equipment..... 5,750.00	Supplies and equipment..... 2,893.35		
Miscellaneous expenses..... 2,900.00	Miscellaneous expenses..... 4,395.81		
Construction work ¹ 1,400.00			
Total estimates, 1917..... 38,500.00	Total expenditures, 1915..... 35,862.83		
Total appropriation, 1916..... 34,500.00			
Increase..... 4,000.00			
¹ This construction work consists of an additional experimental hothouse to be erected on the department grounds.			
Fruit disease investigations, 1917, \$63,615.	Fruit disease investigations, 1915, \$52,675.		
Salaries..... \$46,300.00	Salaries..... \$36,570.04		
As follows:	As follows:		
In Washington—	In Washington—		
1 pathologist in charge, \$3,750.	1 pathologist in charge, \$3,750.		
1 pathologist, \$3,240.	1 plant pathologist, \$3,240.		
2 pathologists, at \$3,000 each.	1 plant pathologist, \$3,000.		
1 pathologist, \$2,520.	2 pathologists, at \$2,280 each.		
2 pathologists, at \$2,040 each.	1 forest pathologist, \$2,040 (5 months).		
1 botanical artist, \$1,800.	1 assistant pathologist, \$1,800.		
1 assistant in spraying experiments and demonstrations, \$1,620.	1 botanical assistant, \$1,800.		
2 scientific assistants, at \$1,620 each.	1 assistant plant physiologist, \$1,620.		
6 scientific assistants, at \$1,440 each.	1 scientific assistant in plant pathology, \$1,620.		
3 scientific assistants, at \$1,200 each.	1 assistant in spraying demonstrations, \$1,620.		
1 clerk, \$900 (temporary).	1 scientific assistant in plant pathology, \$1,620 (11½ months).		
1 pathologist, \$1,800.	1 scientific assistant in plant pathology, \$1,620 (10½ months).		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
General Expenses, Bureau of Plant Industry—Continued.		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
<p align="center">Fruit disease investigations, 1917, \$63,615.</p> <hr/> <p>Out of Washington— 1 pathologist, \$2,520. 1 scientific assistant, \$1,620. 1 laborer, \$480 (temporary).</p> <p>Traveling expenses..... \$11,200.00 Supplies and equipment..... 2,800.00 Miscellaneous expenses..... 3,315.00</p> <p>Total estimate, 1917..... 63,615.00 Total appropriation, 1916..... 56,115.00 Increase..... 7,500.00</p>	<p align="center">Fruit disease investigations, 1915, \$52,675.</p> <hr/> <p>In Washington—Continued. 1 scientific assistant, \$1,620 (10 months). 1 scientific assistant in plant pathology, \$1,440. 1 scientific assistant in plant pathology, \$1,440 (11½ months). 1 scientific assistant in plant breeding, \$1,200. 1 stenographer and typewriter, \$1,000 (21 days). 1 stenographer and typewriter, \$75 per month (4½ months). 1 skilled laborer, \$25 per month (2 months). 1 greenhouse assistant, \$25 per month (8 months). Out of Washington— 1 plant pathologist, \$2,520. 1 collaborator, \$1 per annum. 1 unskilled laborer, \$40 per month. 1 unskilled laborer, \$2.50 per diem (242 days). 1 unskilled laborer, \$2 per diem (25 days).</p> <p>Traveling expenses..... \$5,838.35 Supplies and equipment..... 6,030.46 Miscellaneous expenses..... 4,116.20</p> <p>Total expenditures, 1915..... 52,555.05</p>	
<p align="center">Forest pathology, 1917, \$57,175.</p> <hr/> <p>Salaries..... \$40,748.00 As follows: In Washington— 1 pathologist in charge, \$3,240. 2 pathologists, at \$2,760 each. 1 forest pathologist, \$2,280. 1 assistant plant pathologist, \$1,800. 1 forest assistant, \$1,800. 1 scientific assistant, \$1,200. 1 assistant pathologist, \$1,440. 1 stenographer and typewriter, \$75 per month (temporary). 1 physiologist, \$2,040 (temporary).</p> <p>Out of Washington— 2 forest pathologists, at \$2,760 each. 1 forest pathologist, \$2,500. 1 forest pathologist, \$2,100. 1 assistant pathologist, \$1,800. 1 assistant pathologist, \$1,200. 1 scientific assistant, \$1,620. 2 scientific assistants, at \$1,200 each. 1 scientific assistant, \$1,020. 6 field assistants, at \$60 per month each (temporary). 5 collaborators, at \$25 per month each. 2 collaborators, at \$1 per month each. 4 collaborators, at \$1 per annum each. 1 student assistant, \$25 per month.</p>	<p align="center">Forest pathology, 1915, \$69,510, less \$125 by transfer to drug and other plants; net amount, \$69,385.</p> <hr/> <p>Salaries..... \$44,677.83 As follows: In Washington— 1 pathologist in charge, \$3,240. 1 pathologist, \$2,760. 1 pathologist, \$2,760 (11½ months). 1 organic chemist, \$2,400 (6 months). 1 forest pathologist, \$2,280 (11½ months). 1 forest pathologist, \$2,100. 1 forest pathologist, \$2,040 (7 months). 1 physiologist, \$2,040 (6 months). 1 forest pathologist, \$2,400 (3 months). 1 assistant pathologist, \$1,620 (22 days). 1 scientific assistant in plant pathology, \$1,620. 1 forest assistant, \$1,620. 1 scientific assistant in mycology, \$1,200. 1 clerk, \$1,200. 1 scientific assistant in library science, \$1,200 (4 months). 1 scientific assistant in library science, \$1,140 (3 months). 1 plant pathologist in potato investigations, \$2,250 (1½ months). 1 messenger boy, \$360 (7½ months). 1 messenger boy, \$360 (7½ months). 1 stenographer and typewriter, \$75 per month, (6 months). 1 stenographer and typewriter, \$75 per month (2½ months). 1 skilled laborer, \$25 per month (6½ months). 1 student assistant, \$25 per month (8½ months). 1 unskilled laborer, \$1.75 per diem (6 days). Out of Washington— 1 agent, \$3,500 (2 months). 1 forest pathologist, \$2,760. 1 forest pathologist, \$2,520 (11 months). 1 forest pathologist, \$2,100 (6 months) and \$2,500 (6 months). 1 assistant pathologist, \$1,800. 1 scientific assistant in plant pathology, \$1,620. 1 agent, \$1,200. 1 field assistant \$1,200 (6 months). 1 scientific assistant in plant pathology, \$1,020 (9 months). 1 agent, \$135 per month (2 months). 1 agent, \$85 per month. 1 agent, \$85 per month (10½ months). 1 agent, \$75 per month (1 month). 1 field assistant in forest pathology, \$70 per month (21 days).</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1917.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Forest pathology, 1917, \$57,175.			
Forest pathology, 1915, \$69,510, less \$125 by transfer to drug and other plants; net amount, \$69,385. Out of Washington—Continued. 1 field assistant in forest pathology, \$70 per month (1½ months). 1 field assistant in forest pathology, \$60 per month (1½ months). 1 field assistant in forest pathology, \$60 per month (1½ months). 1 agent, \$60 per month (8½ months). 1 agent, \$50 per month. 1 collaborating clerk, \$25 per month. 1 collaborating clerk, \$25 per month (4 months). 4 collaborators, at \$25 per month each. 1 collaborator, \$25 per month (¾ months). 1 student assistant, \$25 per month (7½ months). 1 collaborating clerk, \$20 per month (2 months). 2 collaborators, at \$1 per month each. 2 collaborators, at \$1 per annum each. 2 collaborators, at \$1 per annum each (½ month). 1 unskilled laborer, \$1.75 per diem (6 days).			
Traveling expenses.....	\$10,478.91	Traveling expenses.....	\$11,623.53
Supplies and equipment.....	5,040.75	Supplies and equipment.....	5,333.39
Miscellaneous expenses.....	907.34	Miscellaneous expenses.....	7,342.40
Total estimate, 1917.....	57,175.00	Total expenditures, 1915.....	68,977.15
Total appropriation, 1916.....	57,175.00		
Cotton and truck diseases, 1917, \$59,000.			
Salaries..... \$39,740.00 As follows: In Washington— 1 pathologist in charge, \$3,500. 1 pathologist, \$2,760. 1 physiological chemist, \$2,760. 1 physiologist, \$2,400. 1 pathologist, \$2,400. 2 pathologists, at \$2,280 each. 1 physiologist, \$2,280. 2 pathologists, at \$2,000 each. 2 scientific assistants, at \$1,800 each. 1 mycologist, \$1,800. 1 assistant pathologist, \$1,800. 2 scientific assistants, at \$1,620 each. 1 scientific assistant, \$160 per month (3 months). 1 expert in potato investigations, \$150 per month (4 months). 1 assistant, \$100 per month (3 months). 1 student assistant, \$25 per month (4 months). Out of Washington— 1 agent, \$840. 1 agent, \$720. 4 scientific assistants, at \$100 per month each (4 months).		Cotton and truck diseases, 1915, \$46,000 and \$500 by transfer from farmers' cooperative demonstrations; total, \$46,500. Salaries..... \$29,889.65 As follows: In Washington— 1 pathologist in charge, \$3,500 (8½ months). 1 physiologist, \$2,760 (3 months). 1 pathologist in potato investigations, \$2,520. 1 physiologist, \$2,400 (3 months). 1 physiologist, \$2,280. 1 pathologist, \$2,280. 1 pathologist, \$2,040 (4½ months). 2 pathologists, at \$2,000 each. 1 pathologist, \$2,000 (2 months). 1 assistant pathologist, \$1,800 (3 months). 1 scientific assistant, \$1,800 (8½ months). 1 scientific assistant, \$1,620 (10 months). 1 scientific assistant, \$1,620 (10½ months). 1 specialist in phytophthora, \$1,600 (3½ months). 1 scientific assistant in plant pathology, \$1,500. 1 scientific assistant, \$1,440 (2½ months). 1 scientific assistant, \$1,380 (2½ months). 1 specialist in potato diseases, \$300 per month (1 month). 1 assistant pathologist, \$150 per month (2 months). 1 draftsman, \$100 per month (1 month). 1 unskilled laborer, \$55 per month (2½ months). 1 student assistant, \$25 per month (9 days). 1 outside gardener, \$2 per diem (160 days). Out of Washington— 1 assistant pathologist, \$1,890 (11½ months). 1 pathologist in potato investigations, \$1,440 (6 months). 1 agent, \$1,000. 1 agent, \$800 (½ month). 1 agent, \$600 (11 months). 1 agent, \$400 (8½ months). 2 collaborators, at \$1 per annum each. 1 expert in potato investigations, \$125 per month (1 month). 1 agent, \$120 per month (1 month). 1 unskilled laborer, \$50 per month (7 days). 1 unskilled laborer, \$45 per month (3 months). 1 collaborator and pathologist, \$25 per month (7½ months). 2 collaborators, at \$25 per month (4 months). 1 collaborator, \$25 per month (5½ months). 35 collaborators, at \$1 per month each. 3 collaborators, at \$1 per month each (7 months).	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Cotton and truck diseases, 1917, \$59,000.			
Cotton and truck diseases, 1915, \$46,000 and \$500 by transfer from farmers' cooperative demonstrations; total, \$46,500.			
Out of Washington—Continued. 2 collaborators, at \$1 per month each (4 months). 1 collaborator, \$1 per month (3 months). 3 collaborators, at \$1 per month each (2 months). 1 collaborator, \$1 per month (½ month).			
Traveling expenses.....	\$9,795.00	Traveling expenses.....	\$9,110.33
Supplies and equipment.....	6,500.00	Supplies and equipment.....	3,732.18
Miscellaneous expenses.....	2,965.00	Miscellaneous expenses.....	2,860.57
		Construction work ¹	543.00
Total estimate, 1917.....	59,000.00	Total expenditures, 1915.....	46,135.73
Total appropriation, 1916.....	56,000.00		
Increase.....	3,000.00		
¹ This construction work consisted of the building of a large cooling box in basement of the building at Fourteenth and B Streets, S.W., Washington, D. C., for use in housing 2 large thermostats which are used in potato experiments. The cost of this work was \$543, as per contract with C. A. Barker.			
Crop physiology, 1917, \$49,540.			
Crop physiology, 1915, \$44,540, less \$200 by transfer to foreign seed and plant introduction; net amount, \$44,340.			
Salaries.....	\$29,418.00	Salaries.....	\$23,127.68
As follows:		As follows:	
In Washington—		In Washington—	
1 physiologist in charge, \$4,000.		1 physiologist in charge, \$4,000.	
1 arboriculturist, \$2,760.		1 arboriculturist, \$2,760.	
1 botanical assistant, \$1,920.		1 assistant plant breeder, \$1,920.	
1 assistant plant breeder, \$1,920.		1 botanical assistant, \$1,920.	
1 indexer and translator of Chinese, \$1,380.		1 indexer and translator of Chinese, \$1,380 (10½ months).	
1 artist-draftsman, \$1,200.		1 clerk, \$1,200 (2½ months).	
1 unskilled laborer, \$40 per month (temporary).		1 stenographer and typewriter, \$900 (1½ months).	
3 skilled laborers, at \$25 per month each.		1 library cataloguer, \$840 (28 days).	
		2 skilled laborers, at \$25 per month each.	
		1 skilled laborer, \$25 per month (10½ months).	
		1 skilled laborer, \$25 per month (7½ months).	
		1 unskilled laborer, \$1.75 per diem, when actually employed.	
		Out of Washington—	
Out of Washington—		1 assistant in arboriculture, \$2,250.	
2 assistants in arboriculture, at \$2,250 each.		1 assistant in arboriculture, \$2,250 (6 months).	
1 translator of botanical literature in Chinese and Japanese, \$1,200.		1 agent, \$1,020 (10½ months).	
1 farm teamster, \$960.		1 farm teamster, \$960 (8½ months).	
2 agents, at \$900 each.		1 farm teamster, \$960 (5 months).	
1 physiologist, \$5 per diem (300 days).		1 agent, \$900.	
1 agent, \$5 per diem (30 days).		1 unskilled laborer, \$720 (5½ months).	
1 agent, \$4 per diem (225 days).		1 architect and superintendent of construction, \$6 per diem, when actually employed.	
1 collaborator, \$3 per diem (100 days).		1 physiologist, \$5 per diem, when actually employed.	
1 collaborator, \$2 per diem (150 days).		1 agent, \$5 per diem, when actually employed.	
1 unskilled laborer, \$60 per month (temporary).		1 agent, \$4 per diem, when actually employed.	
1 unskilled laborer, \$1 per diem (300 days).		1 collaborator, \$3 per diem, when actually employed.	
9 collaborators, at \$1 per month each.		1 collaborator, \$2 per diem, when actually employed.	
		1 unskilled laborer, \$2.50 per diem, when actually employed.	
		1 unskilled laborer, \$1.50 per diem, when actually employed.	
		5 collaborators, at \$1 per month each.	
		2 collaborators, at \$1 per month each (8 months).	
Traveling expenses.....	8,000.00	Traveling expenses.....	4,466.05
Supplies and equipment.....	6,200.00	Supplies and equipment.....	6,283.44
Miscellaneous expenses.....	5,922.00	Miscellaneous expenses.....	8,213.58
		Construction work ¹	1,965.00
Total estimate, 1917.....	49,540.00	Total expenditures, 1915.....	44,055.75
Total appropriation, 1916.....	44,540.00		
Increase.....	5,000.00		
		¹ The unit cost of this construction work was as follows:	
		Erection of fence at Miami, Fla.....	\$50
		Installation of pumping plant complete, at Coachella, Cal.....	664
		Digging of well and cost of pump pit, at Indio, Cal.....	1,251
		Total.....	1,965

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Bacteriology and nutrition, 1917, \$42,000.			
Salaries.....	\$28,450.00	Salaries.....	\$22,482.92
As follows:		As follows:	
In Washington—		In Washington—	
1 physiologist in charge of tobacco investigations, \$2,760 (4 months).		1 physiologist, \$3,240 (2½ months).	
1 soil biologist, \$2,750.		1 soil biologist, \$2,750.	
2 assistant physiologists, at \$2,040 each.		1 physiologist, \$2,750 (4 months).	
1 soil mycologist, \$2,040.		1 physiologist, \$2,520 (7½ months).	
2 scientific assistants, at \$1,800 each.		1 assistant soil mycologist, \$2,040.	
1 assistant physiologist, \$1,620.		1 assistant physiologist, \$2,040.	
1 assistant in tobacco investigations, \$1,620.		1 assistant physiologist, \$1,800.	
1 scientific assistant, \$1,500.		1 scientific assistant, \$1,800.	
2 laboratory aids, at \$720 each.		1 assistant physiologist, \$1,620.	
1 unskilled laborer, \$60 per month.		1 assistant, \$1,620.	
5 unskilled laborers, at \$40 per month each.		1 scientific assistant, \$1,440 (6 months), and \$1,800 (6 months).	
3 unskilled laborers, at \$25 per month each.		1 scientific assistant, \$1,380.	
1 scientific assistant, \$1,620.		1 stenographer, \$60 per month (2½ months).	
Out of Washington—		1 unskilled laborer, \$60 per month (3½ months).	
1 physiologist, \$2,520.		4 skilled laborers, at \$25 per month each.	
1 unskilled laborer, \$60 per month.		9 unskilled laborers, at \$1.50 per diem each, when actually employed.	
Traveling expenses.....	1,160.00	Out of Washington—	
Supplies and equipment.....	9,940.00	1 physiologist, \$2,520 (4½ months).	
Miscellaneous expenses.....	2,450.00	2 unskilled laborers, at 25 cents per hour each, when actually employed.	
Total estimate, 1917.....	42,000.00	Traveling expenses.....	1,352.80
Total appropriation, 1916.....	42,000.00	Supplies and equipment.....	7,887.82
		Miscellaneous expenses.....	4,812.30
		Total expenditures, 1915.....	36,535.84
Soil fertility investigations, 1917, \$35,200.		Soil fertility investigations, 1915, \$32,700.	
Salaries.....	\$27,850.00	Salaries.....	\$26,101.50
As follows:		As follows:	
In Washington—		In Washington—	
1 biochemist in charge, \$3,750.		1 scientist, \$3,750.	
1 biochemist, \$3,000.		1 scientist, \$2,750.	
1 biochemist, \$2,500.		1 scientist, \$2,500.	
1 biochemist, \$2,280.		1 scientist, \$2,280.	
1 biochemist, \$2,220.		1 scientist, \$2,220.	
1 physiologist, \$2,220.		1 scientist, \$2,220 (4 months).	
1 biochemist, \$2,100.		1 scientist, \$2,100.	
1 assistant biochemist, \$1,860.		1 scientist, \$1,860.	
2 assistant biochemists, at \$1,800 each.		2 scientists, at \$1,800 each.	
2 scientific assistants, at \$1,440 each.		2 scientists, at \$1,440 each.	
1 laboratory aid, \$1,440 (temporary).		1 laboratory aid, \$1,440.	
Traveling expenses.....	1,700.00	Traveling expenses.....	146.52
Supplies and equipment.....	3,870.00	Supplies and equipment.....	2,839.29
Miscellaneous expenses.....	1,780.00	Miscellaneous expenses.....	565.30
Total estimate, 1917.....	35,200.00	Construction work ¹	2,999.73
Total appropriation, 1916.....	32,700.00	Total expenditures 1915.....	32,652.34
Increase.....	2,500.00		
		¹ This work consisted of the construction of a laboratory greenhouse at Arlington Farm; \$2,999.73. The building was constructed by the Bureau of Plant Industry, which bureau furnished necessary labor and materials, payment therefor having been made by transfer of funds in the usual manner. This method of construction was found to be more economical and desirable. NOTE.—Soil fertility investigations were carried on by the Bureau of Soils during fiscal year 1915.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Crop acclimatization, 1917, \$42,580.	Crop acclimatization, 1915, \$38,000.	
Salaries..... \$31,233.00	Salaries..... \$25,354.20	
As follows:	As follows:	
In Washington—	In Washington—	
1 bionomist, \$4,000.	1 bionomist, \$4,000.	
1 botanist, \$2,700.	1 botanist, \$2,700.	
1 botanist, \$2,520.	1 botanist, \$2,520 (4 months).	
1 assistant agronomist, \$2,400.	1 assistant agronomist, \$1,800.	
1 scientific assistant, \$1,800.	1 scientific assistant, \$1,800.	
1 scientific assistant, \$1,140.	1 assistant in crop acclimatization, \$1,800.	
	1 scientific assistant in bionomic investigations, \$1,620.	
	1 assistant in crop acclimatization, \$1,440.	
	1 assistant in crop acclimatization, \$1,200.	
	1 clerk and scientific assistant in library science, \$1,140 (6 months).	
	1 assistant in crop acclimatization, \$840.	
	1 messenger boy, \$420 (2½ months).	
	1 student assistant, \$25 per month.	
	1 skilled laborer, \$25 per month (4 months).	
Out of Washington—	Out of Washington—	
1 plant breeder, \$2,040.	1 plant breeder, \$2,040.	
1 assistant in crop acclimatization, \$1,800.	1 assistant agriculturist, \$1,500.	
1 assistant in crop acclimatization, \$1,440.	1 assistant in crop acclimatization, \$1,200.	
2 assistants in crop acclimatization, at \$1,200 each.	1 collaborator and agriculturist, \$1 per annum.	
1 assistant in crop acclimatization, \$1,020.	1 unskilled laborer, \$60 per month (3 months).	
1 scientific assistant, \$1,620.	1 unskilled laborer, \$60 per month (2 months).	
1 scientific assistant, \$1,500.	1 student assistant, \$25 per month.	
1 assistant agriculturist, \$1,500.	2 student assistants, at \$25 per month each (11 months).	
2 unskilled laborers, at \$60 per month each.	1 student assistant, \$25 per month (10½ months).	
1 unskilled laborer, 15 cents per hour, when actually employed.	1 collaborator, \$1 per month.	
4 student assistants, at \$25 per month each.	1 collaborator, \$1 per month (5 months).	
2 collaborators, at \$1 per month each.	1 unskilled laborer, 15 cents per hour (64 8-hour days).	
Traveling expenses..... 8,600.00	Traveling expenses..... 6,869.62	
Supplies and equipment..... 2,000.00	Supplies and equipment..... 3,774.78	
Miscellaneous expenses..... 747.00	Miscellaneous expenses..... 1,645.76	
Total estimate, 1917..... 42,580.00	Total expenditures, 1915..... 37,644.36	
Total appropriation, 1916..... 37,580.00		
Increase..... 5,000.00		
Drug and other plants, 1917, \$48,820.	Drug and other plants, 1915, \$55,380, and \$125 by transfer from forest pathology; total, \$55,505.	
Salaries..... \$38,994.00	Salaries..... \$39,624.90	
As follows:	As follows:	
In Washington—	In Washington—	
1 physiologist in charge, \$3,750.	1 physiologist in charge, \$3,750.	
1 physiologist, \$2,640.	1 physiologist, \$2,640.	
1 plant physiologist, \$3,000.	1 physiologist, \$2,400.	
1 plant physiologist, \$2,640.	1 physiologist, \$2,460 (10½ months).	
1 plant physiologist, \$2,040.	1 physiologist, \$2,040.	
1 plant physiologist, \$2,040 (6 months).	1 physiologist, \$2,040 (6 months).	
3 chemical biologists, at \$2,040 each.	1 physiologist, \$1,800.	
1 chemical biologist, \$1,800.	1 chemical biologist, \$2,400.	
1 organic chemist, \$2,400.	2 chemical biologists, at \$2,040 each.	
2 scientific assistants, at \$1,200 each.	1 chemical biologist, \$2,040 (11½ months).	
1 microanalyst, \$1,200.	1 chemical biologist, \$1,800.	
1 laboratory technician, \$1,200.	1 organic chemist, \$2,400.	
	1 scientific assistant, \$1,440.	
	1 scientific assistant, \$1,200.	
	1 scientific assistant, \$1,200 (3½ months).	
	1 laboratory technician, \$900 (1 month), and \$1,200 (11 months).	
	1 assistant in poisonous-plant investigations, \$840 (4½ months).	
	1 draftsman, \$100 per month (1 month).	
	1 stenographer, \$75 per month (1½ months).	
	1 messenger boy, \$480.	
	1 unskilled laborer, \$55 per month (2½ months).	
	1 skilled laborer, \$25 per month (9½ months).	
	1 student assistant, \$25 per month (5½ months).	
	1 plumber, \$1 per diem, when actually employed.	
	1 gardener, \$2 per diem, when actually employed.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
<p align="center">Drug and other plants, 1917, \$48,820.</p> <p>Out of Washington— 1 assistant agronomist, \$1,800. 1 scientific assistant, \$1,800. 1 scientific assistant, \$1,440. 1 assistant botanist, \$1,620. 1 expert, \$1,440. 2 collaborators, at \$1 per month each. 1 unskilled laborer, \$2 per diem, when actually employed.</p> <p>Traveling expenses..... \$3,000.00 Supplies and equipment..... 4,500.00 Miscellaneous expenses..... 2,326.00</p> <p>Total estimate, 1917..... 48,820.00 Total appropriation, 1916..... 48,820.00</p>	<p align="center">Drug and other plants, 1915, \$55,380, and \$125 by transfer from forest pathology; total, \$55,505.</p> <p>Out of Washington— 1 scientific assistant, \$1,800. 1 scientific assistant, \$1,620. 1 expert, \$1,200. 1 unskilled laborer, \$60 per month (6 months). 1 unskilled laborer, \$50 per month (1½ months). 1 unskilled laborer, \$45 per month (1 month). 1 unskilled laborer, \$2 per diem, when actually employed. 1 unskilled laborer, \$1.50 per diem, when actually employed. 1 gardener, \$2 per diem, when actually employed. 1 collaborator, \$25 per month.</p> <p>Traveling expenses..... \$3,355.80 Supplies and equipment..... 6,773.25 Miscellaneous expenses..... 5,248.31</p> <p>Total expenditures, 1915..... 55,002.26</p>	
<p align="center">Crop technology, 1917, \$25,770.</p> <p>Salaries..... \$20,790.00 As follows: In Washington— 1 agricultural technologist, \$4,000. 1 technologist, \$3,000. 1 botanist in charge of fiber plant investigations, \$3,000. 1 plant morphologist, \$2,520. 1 pathologist, \$1,620. 1 assistant in agricultural technology, \$1,500. 1 scientific assistant, \$1,800. 1 scientific assistant, \$1,250. 1 scientific assistant, \$1,000. 3 skilled laborers, at \$300 each (temporary). Traveling expenses..... 2,300.00 Supplies and equipment..... 1,690.00 Miscellaneous expenses..... 990.00</p> <p>Total estimate, 1917..... 25,770.00 Total appropriation, 1916..... 19,770.00</p> <p>Increase..... 6,000.00</p>	<p align="center">Crop technology, 1915, \$10,010.</p> <p>Salaries..... \$6,151.67 As follows: In Washington— 1 botanist in charge of fiber plant investigations, \$3,000. 1 scientific assistant, \$1,620. 1 scientific assistant, \$1,000 (9 months). 1 unskilled laborer, \$240 (5 months). 5 skilled laborers, at \$25 per month each, when actually employed. 1 student assistant, \$25 per month (¼ month). 1 messenger boy, \$300 (¼ month)</p> <p>Traveling expenses..... 744.06 Supplies and equipment..... 2,216.26 Miscellaneous expenses..... 876.47</p> <p>Total expenditures, 1915..... 9,988.46</p>	
<p align="center">Grain standardization, 1917, \$109,920.</p> <p>Salaries..... \$81,341.00 As follows: In Washington— 1 crop technologist in charge, \$3,240. 1 assistant in grain standardization, \$2,280. 1 assistant in grain standardization, \$1,800. 2 assistants in grain standardization, at \$1,620 each. 1 assistant in grain standardization, \$1,500. 1 aid in grain standardization, \$1,320. 1 scientific assistant, \$1,200. 1 aid in grain standardization, \$960. 2 aids, at \$720 each. 1 messenger boy, \$480 (temporary). 1 skilled laborer, \$25 per month.</p>	<p align="center">Grain standardization, 1915, \$76,320, and \$500 by transfer from farmers' cooperative demonstrations; total, \$76,820.</p> <p>Salaries..... \$54,569.35 As follows: In Washington— 1 crop technologist in charge, \$3,240. 1 assistant in grain standardization, \$1,980. 1 assistant in grain standardization, \$1,800. 1 assistant in grain standardization, \$1,620. 1 assistant in grain standardization, \$1,500 (17 days). 1 assistant in grain standardization, \$1,380. 1 aid in grain standardization, \$1,200. 1 copyist, topographic draftsman, \$1,200. 1 scientific assistant in library science, \$1,200. 1 stenographer and typewriter, \$1,000 (10½ months). 1 aid in grain standardization, \$960. 1 typewriter operator, \$840 (9 days). 1 laboratory aid in seed testing, \$720 (2½ months). 1 laboratory aid in seed testing, \$720 (2 months). 1 laboratory aid in seed testing, \$720 (7 months).</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Grain standardization, 1917, \$109,920.		Grain standardization, 1915, \$76,320, and \$500 by transfer from farmers' cooperative demonstrations; total, \$76,820.	
<p>Out of Washington—</p> <p>2 assistants in grain standardization, at \$2,040 each.</p> <p>1 assistant, \$1,860.</p> <p>8 assistants, at \$1,800 each.</p> <p>1 assistant, \$1,680.</p> <p>5 assistants, at \$1,620 each</p> <p>1 assistant, \$1,500.</p> <p>3 assistants, at \$1,440 each.</p> <p>2 assistants, at \$1,400 each.</p> <p>2 aids in grain standardization, at \$1,440 each.</p> <p>1 aid, \$1,400.</p> <p>9 aids, at \$1,200 each.</p> <p>2 scientific assistants, at \$1,200 each.</p> <p>1 aid, \$1,080.</p> <p>3 aids, at \$900 each.</p> <p>1 aid, \$960.</p> <p>1 aid, \$720.</p> <p>2 aids, at \$600 each.</p> <p>1 unskilled laborer, \$400 (temporary).</p> <p>1 student assistant, \$300.</p> <p>1 collaborator, \$1 per annum.</p>		<p>In Washington—Continued.</p> <p>1 laboratory aid in seed testing, \$40 per months (3 months) and \$720 per annum (9 months).</p> <p>1 messenger boy, \$480 (9½ months).</p> <p>1 skilled laborer, \$25 per month (3 months).</p> <p>1 skilled laborer, \$25 per month.</p> <p>Out of Washington—</p> <p>1 assistant in grain standardization, \$2,040.</p> <p>3 assistants, at \$1,800 each.</p> <p>1 assistant, \$1,800 (11½ months).</p> <p>1 assistant, \$1,740.</p> <p>1 scientific assistant, \$1,680 (8½ months).</p> <p>3 assistants, at \$1,620 each.</p> <p>2 aids in grain standardization, at \$1,440 each.</p> <p>2 assistants, at \$1,400 each.</p> <p>1 aid, \$1,400 (9½ months).</p> <p>5 aids, at \$1,200 each.</p> <p>1 stenographer and typewriter, \$1,200 (3½ months).</p> <p>1 aid, \$1,140.</p> <p>1 aid, \$1,080.</p> <p>1 stenographer and typewriter, \$1,000 (5½ months).</p> <p>1 stenographer and typewriter, \$1,000 (4½ months).</p> <p>1 clerk-typewriter, \$1,000 (1½ months).</p> <p>1 aid, \$960.</p> <p>1 clerk-typewriter, \$900 (2½ months).</p> <p>1 laboratory helper, \$600 (temporary).</p> <p>1 unskilled laborer, \$400 (temporary).</p> <p>2 collaborators, at \$1 per annum each.</p> <p>1 assistant in grain standardization, \$75 per month (3 months).</p> <p>1 laboratory aid in seed testing, \$60 per month (6½ months).</p> <p>1 clerk, \$60 per month (4 months).</p> <p>1 student assistant, \$25 per month.</p> <p>2 student assistants, at \$15 per month each (8½ months).</p>	
Traveling expenses.....	\$14,560.00	Traveling expenses.....	\$7,101.81
Supplies and equipment.....	9,000.00	Supplies and equipment.....	6,342.98
Miscellaneous expenses.....	5,019.00	Miscellaneous expenses.....	8,777.34
Total estimates, 1917.....	109,920.00	Total expenditures, 1915.....	76,791.48
Total appropriation, 1916.....	72,920.00		
Increase.....	37,000.00		
Biophysical Investigations, 1917, \$32,500.		Biophysical Investigations, 1915, \$25,000.	
<p>Salaries.....</p>	\$14,110.00	Salaries.....	\$14,667.08
<p>As follows:</p> <p>In Washington—</p> <p>1 physicist in charge, \$4,000.</p> <p>1 assistant, \$2,280.</p> <p>1 assistant, \$1,620.</p> <p>1 mechanical assistant, \$1,080.</p> <p>1 assistant, \$900.</p>		<p>As follows:</p> <p>In Washington—</p> <p>1 physicist in charge, \$4,000.</p> <p>1 assistant, \$2,280.</p> <p>1 assistant, \$1,620.</p> <p>1 laboratory assistant, \$1,920.</p> <p>1 mechanical assistant, \$1,080.</p> <p>1 gardener, \$960 (3 months).</p> <p>1 stenographer, \$900 (6½ months).</p> <p>1 skilled laborer, \$25 per month (8½ months).</p>	
<p>Out of Washington—</p> <p>1 assistant, \$2,400.</p> <p>1 assistant, \$1,200.</p> <p>1 laboratory assistant, \$1,920.</p> <p>1 gardener, \$960.</p> <p>1 unskilled laborer, \$65 per month (6 months).</p> <p>1 unskilled laborer, \$60 per month (6 months).</p>		<p>Out of Washington—</p> <p>1 assistant, \$2,400.</p> <p>1 assistant, \$75 per month (1 month).</p> <p>1 unskilled laborer, \$65 per month (3 months).</p> <p>1 unskilled laborer, \$60 per month (½ month).</p> <p>1 unskilled laborer, 25 cents per hour, when actually employed.</p>	
Traveling expenses.....	5,000.00	Traveling expenses.....	2,354.92
Supplies and equipment.....	10,000.00	Supplies and equipment.....	4,006.81
Miscellaneous expenses.....	3,390.00	Miscellaneous expenses.....	3,936.46
Total estimate, 1917.....	32,500.00	Total expenditures, 1915.....	24,965.27
Total appropriation, 1916.....	25,000.00		
Increase.....	7,500.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
General Expenses, Bureau of Plant Industry—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Seed testing laboratories, 1917, \$28,700.		Seed testing laboratories, 1915, \$28,700.	
Salaries.....	\$22,375.00	Salaries.....	\$21,301.94
As follows:		As follows:	
In Washington—		In Washington—	
1 botanist in charge, \$3,000.		1 botanist in charge, \$3,000.	
1 assistant botanist, \$2,160.		1 assistant botanist, \$2,160.	
1 scientific assistant, \$1,860.		1 scientific assistant, \$1,860.	
1 scientific assistant, \$1,620.		1 scientific assistant, \$1,620 (11½ months).	
1 scientific assistant, \$1,560.		2 scientific assistants, at \$1,440 each.	
3 scientific assistants, at \$1,440 each.		1 scientific assistant, \$1,440 (7½ months).	
1 scientific assistant, \$1,200.		1 scientific assistant, \$1,380.	
4 scientific assistants, at \$1,020 each.		1 scientific assistant, \$1,380 (1 month).	
1 scientific assistant, \$1,000.		1 scientific assistant, \$1,200.	
1 assistant, enforcement seed importation act, \$1,200.		1 scientific assistant, \$1,200 (11½ months).	
		1 scientific assistant, \$1,200 (1½ months).	
		1 scientific assistant, \$1,020 (11½ months).	
		1 scientific assistant, \$1,020 (9 months).	
		1 scientific assistant, \$1,020 (8 months).	
		1 scientific assistant, \$1,020 (11½ months).	
		1 scientific assistant, \$1,020 (2 months).	
		1 laboratory aid, \$1,020 (3½ months).	
		1 stenographer and typewriter, \$75 per month (3 days).	
		1 skilled laborer, \$25 per month (11½ months).	
		1 skilled laborer, \$25 per month (8½ months).	
		1 plumber, \$4 per diem, when actually employed.	
Out of Washington—		Out of Washington—	
50 collaborators, at 50 cents per hour each, when actually employed.		1 agent, \$70 per month (3 months).	
		1 botanist, \$50 per month (2 months).	
		50 collaborators, at 50 cents per hour each, when actually employed.	
		4 collaborators, at \$1 per month each.	
Traveling expenses.....	2,400.00	Traveling expenses.....	2,553.23
Supplies and equipment.....	2,025.00	Supplies and equipment.....	1,587.06
Miscellaneous expenses.....	1,900.00	Miscellaneous expenses.....	3,221.59
Total estimate, 1917.....	28,700.00	Total expenditures, 1915.....	28,663.82
Total appropriation, 1916.....	28,700.00		
Cereal investigations, 1917, \$107,005.		Cereal investigations, 1915, \$95,405, and \$50 by transfer from pomological investigations, and \$40 from forage crop investigations; less \$325 by transfer to other lump funds; net amount, \$95,170.	
Salaries.....	\$81,521.00	Salaries.....	\$70,844.40
As follows:		As follows:	
In Washington—		In Washington—	
1 cerealist in charge, \$3,750.		1 cerealist in charge, \$3,750.	
2 agronomists, at \$3,000 each.		1 agronomist, \$3,000.	
2 agronomists, at \$2,520 each.		1 agronomist, \$2,400 (2 months) and \$3,000 (10 months).	
1 agronomist, \$2,400.		2 agronomists, at \$2,520 each.	
1 pathologist, \$2,500.		1 agronomist, \$2,400.	
1 assistant pathologist, \$1,800.		1 pathologist, \$2,500.	
1 assistant agronomist, \$1,800.		1 assistant pathologist, \$1,800.	
1 technologist in barley investigations, \$1,800.		1 assistant agronomist, \$1,800.	
3 scientific assistants, at \$1,620 each.		1 technologist in barley investigations, \$1,800 (6½ months).	
1 scientific assistant, \$1,500.		1 scientific assistant, \$1,620.	
3 scientific assistants, at \$1,440 each.		1 scientific assistant, \$1,500 (11½ months).	
		2 scientific assistants, at \$1,440 each.	
		1 scientific assistant, \$1,380.	
		1 stenographer and typewriter, \$900 (9½ months).	
		1 stenographer and typewriter, \$840 (½ month).	
		1 messenger boy, \$360 (5½ months).	
		1 charwoman, \$240 (temporary).	
		1 skilled laborer, \$25 per month.	
		1 cabinetmaker, \$3.50 per diem, when actually employed.	
Out of Washington—		Out of Washington—	
1 assistant agronomist, \$2,040.		1 superintendent of cereal field station, \$2,000 (10½ months).	
1 superintendent of cereal field station, \$2,000.		2 assistant agronomists, at \$1,800 each.	
1 farm superintendent, \$2,040.		5 scientific assistants, at \$1,620 each.	
3 assistant agronomists, at \$1,800 each.		2 scientific assistants, at \$1,440 each.	
5 scientific assistants, at \$1,620 each.		1 scientific assistant, \$1,440 (11½ months).	
4 scientific assistants, at \$1,440 each.		1 scientific assistant, \$1,440 (11½ months).	
1 scientific assistant, \$1,200.		1 scientific assistant, \$1,440 (11 months).	
1 agent, \$1,800.		1 assistant agriculturist, \$1,440 (16 days).	
1 agent, \$1,440.		1 scientific assistant, \$1,380.	
1 agent, \$1,250.		1 agent, \$1,440.	
1 agent, \$1,100.		1 agent, \$1,250.	
1 agent, \$900.		1 agent, \$1,200.	
1 agent, \$700.		1 agent, \$600 (4 months).	
1 agent, \$50 per month.		1 agent, \$50 per month (6 months) and \$1,200 per annum (6 months).	
1 agent, \$40 per month.		1 agent, \$60 per month (4 months).	
1 assistant agriculturist, \$1,440.			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Cereal investigations, 1917, \$107,005.	Cereal investigations, 1915, \$95,405, and \$50 by transfer from pomological investigations, and \$40 from forage crop investigations; less \$325 by transfer to other lump funds; net amount, \$95,170.		
<p>Out of Washington—Continued.</p> <p>1 assistant in dry land agriculture, \$1,380.</p> <p>1 unskilled laborer, \$75 per month (temporary).</p> <p>1 unskilled laborer, \$70 per month (temporary).</p> <p>1 unskilled laborer, \$60 per month (temporary).</p> <p>4 unskilled laborers, at \$2.50 per diem each, when actually employed.</p> <p>7 unskilled laborers, at \$2 per diem each, when actually employed.</p> <p>4 unskilled laborers, at \$1.50 per diem each, when actually employed.</p> <p>1 unskilled laborer, at \$1.25 per diem, when actually employed.</p> <p>10 collaborators, at \$300 each.</p> <p>4 collaborators, at \$1 per month each.</p> <p>1 collaborator, \$1 per annum.</p> <p>Traveling expenses..... \$15,500.00</p> <p>Supplies and equipment..... 4,470.00</p> <p>Miscellaneous expenses..... 5,514.00</p> <p>Total estimate, 1917..... 107,005.00</p> <p>Total appropriation, 1916..... 102,005.00</p> <p>Increase..... 5,000.00</p>	<p>Out of Washington—Continued.</p> <p>1 agent, \$30 per month (1½ months).</p> <p>1 farm teamster, \$75 per month (24 days).</p> <p>1 unskilled laborer, \$75 per month (5 months).</p> <p>1 unskilled laborer, \$60 per month (1½ months).</p> <p>1 unskilled laborer, \$45 per month (6 months).</p> <p>1 unskilled laborer, \$42.50 per month (2 months).</p> <p>1 unskilled laborer, \$40 per month (3½ months).</p> <p>1 unskilled laborer, at \$2.50 per diem, when actually employed.</p> <p>1 unskilled laborer, at \$2 per diem, when actually employed.</p> <p>3 unskilled laborers, at \$1.50 per diem each, when actually employed.</p> <p>1 assistant in cereal investigations, \$60 per month (1 month).</p> <p>9 collaborators, at \$300 each.</p> <p>4 collaborators, at \$1 per month each.</p> <p>1 collaborator, \$1 per month (2 months).</p> <p>Traveling expenses..... \$14,090.49</p> <p>Supplies and equipment..... 4,587.70</p> <p>Miscellaneous expenses..... 5,548.83</p> <p>Total expenditures, 1915..... 95,071.42</p>		
Corn improvement, 1917, \$40,000.	Corn improvement, 1915, \$40,000, less \$50.96 by transfer to foreign seed and plant introduction; net amount, \$39,949.04.		
<p>Salaries..... \$22,150.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 physiologist in charge, \$2,520.</p> <p>1 assistant in corn investigations, \$1,440.</p> <p>Out of Washington—</p> <p>1 physiologist, \$2,400.</p> <p>1 physiologist, \$2,100.</p> <p>2 scientific assistants, at \$1,620 each.</p> <p>1 scientific assistant, \$1,500.</p> <p>1 scientific assistant, \$1,500.</p> <p>2 scientific assistants, at \$1,440 each.</p> <p>1 assistant in corn investigations, \$1,440.</p> <p>1 scientific assistant, \$1,200.</p> <p>1 scientific assistant, \$1,200 (6 months).</p> <p>2 agents, at \$90 per month each (1½ months).</p> <p>Traveling expenses..... 8,000.00</p> <p>Supplies and equipment..... 5,000.00</p> <p>Miscellaneous expenses..... 4,850.00</p> <p>Total estimate, 1917..... 40,000.00</p> <p>Total appropriation, 1916..... 40,000.00</p>	<p>Salaries..... \$19,148.81</p> <p>As follows:</p> <p>In Washington—</p> <p>1 physiologist in charge, \$2,520.</p> <p>1 physiologist, \$2,100.</p> <p>1 physiologist, \$2,100 (8 months).</p> <p>1 assistant physiologist, \$2,100.</p> <p>1 assistant in corn investigations, \$1,440.</p> <p>1 assistant in corn investigations, \$1,200.</p> <p>1 assistant in corn investigations, \$75 per month (9 days) and \$100 per month (8 months).</p> <p>1 scientific assistant, \$1,620.</p> <p>1 scientific assistant, \$1,440.</p> <p>2 scientific assistants, at \$1,200 each.</p> <p>1 scientific assistant, \$1,200 (8½ months).</p> <p>1 scientific assistant, \$1,500 (3 months).</p> <p>Out of Washington—</p> <p>1 scientific assistant, \$1,200 (24 days).</p> <p>1 scientific assistant, \$100 per month (4½ months).</p> <p>2 agents, at \$3 per diem each, when actually employed.</p> <p>1 unskilled laborer, \$55 per month (26 days).</p> <p>1 unskilled laborer, \$2.50 per diem, when actually employed.</p> <p>1 unskilled laborer, \$1.50 per diem, when actually employed.</p> <p>Traveling expenses..... 9,987.36</p> <p>Supplies and equipment..... 4,246.35</p> <p>Miscellaneous expenses..... 4,512.54</p> <p>Total expenditures, 1915..... 37,895.06</p>		
Tobacco investigations, 1917, \$27,500.	Tobacco investigations, 1915, \$25,000.		
<p>Salaries..... \$21,131.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 physiologist in charge, \$2,760 (8 months).</p> <p>1 assistant in tobacco investigations, \$1,620.</p> <p>1 assistant in botanical laboratory work, \$1,620.</p> <p>1 unskilled laborer, \$2 per diem (220 days).</p>	<p>Salaries..... \$19,452.71</p> <p>As follows:</p> <p>In Washington—</p> <p>1 physiologist in charge, \$2,760 (8 months).</p> <p>1 assistant in tobacco investigations, \$1,620.</p> <p>1 assistant in botanical laboratory work, \$1,500.</p> <p>1 unskilled laborer, \$2 per diem, when actually employed.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, re'ferences to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Tobacco investigations, 1917, \$27,500.		Tobacco investigations, 1915, \$25,000.	
Out of Washington— 1 crop technologist, \$2,250. 1 crop technologist, \$1,620. 1 assistant in tobacco investigations, \$1,620. 1 assistant in tobacco investigations, \$1,560. 1 assistant in tobacco investigations, \$1,500. 1 assistant in tobacco investigations, \$1,380. 1 assistant in tobacco investigations, \$1,200. 2 assistants in tobacco investigations, at \$900 each. 2 collaborators, at \$300 each. 1 unskilled laborer, \$60 per month. 1 unskilled laborer, \$30 per month. 1 unskilled laborer, \$30 per month (6 months). 2 collaborators, at \$25 per month each. 2 collaborators, at \$1 per month each. 1 unskilled laborer, \$2 per diem (100 days). Traveling expenses..... \$4,240.00 Supplies and equipment..... 1,600.00 Miscellaneous expenses..... 526.00 Total estimate, 1917..... 27,500.00 Total appropriation, 1916..... 25,000.00 Increase..... 2,500.00		Out of Washington— 1 crop technologist, \$2,250. 1 crop technologist, \$1,620. 1 expert, \$1,500 (5 montbs). 1 assistant in tobacco investigations, \$1,620 (10 $\frac{1}{2}$ months). 1 assistant in tobacco investigations, \$1,440. 2 assistants in tobacco investigations, at \$1,200 each. 1 assistant in tobacco investigations, \$900. 1 assistant in tobacco investigations, \$60 per month (2 months) and \$900 per annum (10 months). 1 agent, \$100 per month (2 months). 1 unskilled laborer, \$50 per month. 1 unskilled laborer, \$30 per month (8 months). 1 unskilled laborer, \$2 per diem, when actually employed. 1 collaborator, \$300 (11 $\frac{1}{2}$ months). 1 collaborator, \$300 (10 months). 1 collaborator, \$25 per month. 3 collaborators, at \$1 per month each. Traveling expenses..... \$2,159.65 Supplies and equipment..... 583.86 Miscellaneous expenses..... 2,684.53 Total expenditures, 1915..... 24,880.75	
Paper plant investigations, 1917, \$10,840.		Paper plant investigations, 1915, \$10,840.	
Salaries..... \$3,600.00 As follows: In Washington— 1 assistant chemist, \$2,040. 1 assistant in paper plant investigations, \$1,620. Traveling expenses..... 2,000.00 Supplies and equipment..... 4,500.00 Miscellaneous expenses..... 680.00 Total estimate, 1917..... 10,840.00 Total appropriation, 1916..... 10,840.00		Salaries..... \$4,660.67 As follows: In Washington— 1 assistant chemist, \$2,040. 1 assistant in paper plant investigations, \$1,380 (9 montbs) and \$1,620 (3 months). 1 assistant in paper plant investigations, \$1,380 (10 months). Traveling expenses..... 2,435.79 Supplies and equipment..... 1,159.84 Miscellaneous expenses..... 2,169.84 Total expenditures, 1915..... 10,426.14	
Alkali and drought resistant plants, 1917, \$22,280.		Alkali and drought resistant plants, 1915, \$22,280.	
Salaries..... \$15,845.00 As follows: In Washington— 1 physiologist in charge, \$3,240. 1 plant physiologist, \$3,240. 1 scientific assistant, \$1,380. 1 assistant in crop acclimatization, \$1,200. 1 laboratory aid, \$840 (temporary). Out of Washington— 1 assistant, \$2,250 (6 months). 1 physiologist, \$2,000. 3 assistants in alkali and drought resistant plant investigations, at \$90 per month each (4 months). 1 gardener, \$80 per month. 2 unskilled laborers, at \$60 per month each (4 months). 1 unskilled laborer, \$60 per month (3 months). 1 unskilled laborer, \$65 per month (8 months). Traveling expenses..... 4,500.00 Supplies and equipment..... 1,400.00 Miscellaneous expenses..... 535.00 Total estimate, 1917..... 22,280.00 Total appropriation, 1916..... 22,280.00		Salaries..... \$14,816.80 As follows: In Washington— 1 physiologist in charge, \$3,000. 1 plant physiologist, \$2,760 (4 months), and \$3,240 (8 months). 1 scientific assistant, \$1,380. 1 scientific assistant, \$1,200 (5 $\frac{1}{2}$ months). 1 laboratory aid, \$840 per annum, (1 $\frac{1}{2}$ months), and 37 cents per hour (83 $\frac{1}{2}$ 8-hour days). 1 skilled laborer, \$25 per month, (6 months). Out of Washington— 1 assistant, \$2,250 (6 months). 1 physiologist, \$2,000. 1 gardener, \$960 (9 months). 1 physiologist, \$100 per month, (2 $\frac{1}{2}$ months). 1 assistant, \$85 per month (6 $\frac{2}{3}$ months). 1 assistant, \$85 per month (3 $\frac{1}{2}$ months). 1 assistant, \$85 per month (2 $\frac{1}{2}$ months). 1 unskilled laborer, \$65 per month (1 $\frac{1}{2}$ month). 1 unskilled laborer, \$60 per month (8 months). 1 unskilled laborer, \$60 per month (6 $\frac{1}{2}$ months). 1 unskilled laborer, \$55 per month (3 months). Traveling expenses..... 4,787.06 Supplies and equipment..... 1,361.85 Miscellaneous expenses..... 1,047.12 Total expenditures, 1915..... 22,012.83	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Sugar-beet investigations, 1917, \$31,495.		Sugar-beet investigations, 1915, \$31,495.	
Salaries.....	\$20,080.00	Salaries.....	\$20,850.34
As follows:		As follows:	
In Washington—		In Washington—	
1 pathologist in charge, \$3,240.		1 pathologist in charge of cotton and truck disease investigations, \$3,500 (3½ months).	
1 plant pathologist, \$2,000.		1 pathologist in charge of sugar-beet investigations, \$3,240.	
		1 plant physiologist, \$2,760 (9 months).	
		1 physiologist, \$2,400 (9 months).	
		1 pathologist, \$2,400 (1 month).	
		1 pathologist, \$2,000 (4½ months).	
		1 assistant pathologist, \$1,800 (9 months).	
		1 scientific assistant, \$1,620 (2 months).	
		1 scientific assistant, \$1,440 (6½ months).	
		1 assistant agronomist, \$1,800 (6½ months).	
		1 assistant in dry-land agriculture, \$1,620 (4½ months).	
		1 assistant chemist, \$1,200 (3 months).	
		1 skilled laborer, \$25 per month (1 month).	
		1 gardener, \$2 per diem, when actually employed.	
Out of Washington—		Out of Washington—	
1 assistant in sugar-beet investigations, \$2,500.		1 assistant in sugar-beet investigations, \$2,500 (10½ months).	
2 assistant agriculturists, at \$2,000 each.		1 assistant agriculturist, \$2,000 (8½ months).	
1 technologist in sugar-beet investigations, \$1,800.		1 technologist in sugar-beet investigations, \$1,800 (2½ months).	
2 assistants in sugar-beet investigations, at \$1,740 each.		1 assistant in sugar-beet investigations, \$1,500.	
2 unskilled laborers, at \$600 each (temporary).		1 assistant in sugar-beet investigations, \$150 per month (1½ months).	
1 collaborator, \$300.		1 unskilled laborer, \$60 per month (4 months).	
12 collaborators, at \$10 per month each.		1 unskilled laborer, \$50 per month (5½ months).	
10 collaborators, at \$1 per month each.		1 collaborating clerk, \$25 per month (8½ months).	
		1 collaborator, \$10 per month (10½ months).	
		1 collaborator, \$10 per month (8½ months).	
		1 collaborator, \$1 per month (1 month).	
		5 collaborators, at \$1 per annum each.	
Traveling expenses.....	8,000.00	Traveling expenses.....	6,712.57
Supplies and equipment.....	2,255.00	Supplies and equipment.....	2,421.12
Miscellaneous expenses.....	1,160.00	Miscellaneous expenses.....	1,355.59
Total estimate, 1917.....	31,495.00	Total expenditures, 1915.....	31,339.62
Total appropriation, 1916.....	31,495.00		
Table sirup investigations, 1917, \$10,000.		Table sirup investigations, 1915, \$10,000.	
Salaries.....	\$5,500.00	Salaries.....	\$3,750.90
As follows:		As follows:	
In Washington—		In Washington—	
1 sugar-cane technologist, \$2,500.		1 sugar-cane technologist, \$2,500.	
1 scientific assistant, \$1,380.		1 junior chemist, \$1,620 (5½ months).	
1 assistant, \$1,620.		1 scientific assistant, \$1,380 (3½ months).	
		Out of Washington—	
		1 pathologist, \$12 per diem (8 days).	
		1 collaborator, \$1 per annum.	
Traveling expenses.....	2,000.00	Traveling expenses.....	1,900.71
Supplies and equipment.....	1,500.00	Supplies and equipment.....	2,714.51
Miscellaneous expenses.....	1,000.00	Miscellaneous expenses.....	716.28
Total estimate, 1917.....	10,000.00	Total expenditures, 1915.....	9,082.40
Total appropriation, 1916.....	10,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
<p align="center">Economic and systematic botany, 1917, \$24,000.</p> <p>Salaries..... \$18,140.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 botanist in charge, \$4,000.</p> <p>1 systematic agrostologist, \$3,000.</p> <p>1 economic botanist, \$2,520.</p> <p>1 assistant, \$1,800.</p> <p>1 assistant botanist, \$1,800.</p> <p>1 assistant botanist, \$1,700.</p> <p>1 scientific assistant, \$1,620.</p> <p>1 scientific assistant, \$1,400.</p> <p>1 student assistant, \$25 per month.</p> <p>Traveling expenses..... 2,150.00</p> <p>Supplies and equipment..... 1,227.00</p> <p>Miscellaneous expenses..... 2,483.00</p> <p>Total estimate, 1917..... 24,000.00</p> <p>Total appropriation, 1916..... 24,000.00</p>	<p align="center">Economic and systematic botany, 1915, \$24,000.</p> <p>Salaries..... \$18,561.08</p> <p>As follows:</p> <p>In Washington—</p> <p>1 botanist in charge, \$4,000.</p> <p>1 systematic agrostologist, \$3,000.</p> <p>1 economic botanist, \$2,520.</p> <p>1 consulting botanist, \$2,000 (1½ months).</p> <p>1 assistant, \$1,800.</p> <p>1 assistant botanist, \$1,800 (11 months).</p> <p>1 assistant botanist, \$1,700.</p> <p>1 scientific assistant, \$1,620.</p> <p>1 assistant botanist, \$1,400 (11½ months).</p> <p>1 assistant in systematic agrostology, \$100 per month (2 months).</p> <p>1 student assistant, \$25 per month (18 days).</p> <p>1 unskilled laborer, \$1.75 per diem (239 days).</p> <p>1 unskilled laborer, \$1.50 per diem (24 days).</p> <p>1 unskilled laborer, \$1.50 per diem (39 days).</p> <p>Traveling expenses..... 1,112.13</p> <p>Supplies and equipment..... 2,555.88</p> <p>Miscellaneous expenses..... 1,640.50</p> <p>Total expenditures, 1915..... 23,869.59</p>	
<p align="center">Dry-land agriculture, 1917, \$160,000.</p> <p>Salaries..... \$85,000.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 agriculturist in charge, \$4,000.</p> <p>Out of Washington—</p> <p>2 assistants in dry-land agriculture, at \$2,760 each.</p> <p>6 assistants in dry-land agriculture, at \$1,800 each.</p> <p>1 assistant in dry-land agriculture, \$1,700.</p> <p>2 assistants in dry-land agriculture, at \$1,620 each.</p> <p>3 assistants in dry-land agriculture, at \$1,440 each.</p> <p>2 assistants in dry-land agriculture, at \$1,380 each.</p> <p>1 farm superintendent, \$2,500.</p> <p>5 farm superintendents, at \$2,040 each.</p> <p>1 physiologist, \$2,100.</p> <p>1 agent, \$1,800.</p> <p>1 scientific assistant, \$1,800.</p> <p>2 teamsters, at \$75 per month each.</p> <p>1 teamster, \$65 per month.</p> <p>1 farm foreman, \$70 per month.</p> <p>1 surveyor, \$8 per diem, when actually employed.</p> <p>1 electrician, \$4.50 per diem, when actually employed.</p> <p>1 electrician, \$4 per diem, when actually employed.</p> <p>1 electrician, 60 cents per hour, when actually employed.</p> <p>1 electrician, 45 cents per hour, when actually employed.</p> <p>5 laborers, at \$75 per month each.</p> <p>1 laborer, \$70 per month.</p> <p>2 laborers, at \$65 per month each.</p> <p>5 laborers, at \$60 per month each.</p> <p>3 laborers, at \$55 per month each.</p> <p>6 laborers, at \$50 per month each.</p> <p>3 laborers, at \$45 per month each.</p> <p>1 laborer, \$67.50 per month.</p> <p>1 laborer, \$47.50 per month.</p> <p>4 laborers, at \$2 per diem each, when actually employed.</p> <p>10 laborers, at \$1.75 per diem each, when actually employed.</p> <p>3 laborers, at \$1.50 per diem each, when actually employed.</p> <p>3 laborers, at \$1.25 per diem each, when actually employed.</p> <p>1 laborer, \$1 per diem, when actually employed.</p>	<p align="center">Dry-land agriculture, 1915, \$160,000, and \$250 by transfer from pomological investigations; total, \$160,250.</p> <p>Salaries..... \$83,221.93</p> <p>As follows:</p> <p>In Washington—</p> <p>1 agriculturist in charge, \$3,750.</p> <p>1 assistant in dry land agriculture, \$2,760 (11½ months).</p> <p>1 clerk, \$1,200 (8½ months).</p> <p>1 typewriter, \$75 per month (1½ months).</p> <p>1 unskilled laborer, \$240 (2 months).</p> <p>Out of Washington—</p> <p>1 assistant in dry-land agriculture, \$2,400.</p> <p>2 assistants in dry-land agriculture, at \$2,040 each.</p> <p>1 assistant in dry-land agriculture, \$1,800.</p> <p>1 assistant in dry-land agriculture, \$1,800 (3 months).</p> <p>1 assistant in dry-land agriculture, \$1,600.</p> <p>4 assistants in dry-land agriculture, at \$1,620 each.</p> <p>1 assistant in dry-land agriculture, \$1,620 (8½ months).</p> <p>1 assistant in dry-land agriculture, \$1,620 (8½ months).</p> <p>1 assistant in dry-land agriculture, \$1,500.</p> <p>4 assistants in dry-land agriculture, at \$1,440 each.</p> <p>1 assistant in dry-land agriculture, \$1,440 (8½ months).</p> <p>1 assistant in dry-land agriculture, \$1,400 (10 months) and \$1,800 (2 months).</p> <p>4 assistants in dry-land agriculture, at \$1,380 each.</p> <p>1 assistant in dry-land agriculture, \$1,380 (11 months) and \$1,700 (1 month).</p> <p>1 physiologist, \$2,100 (4 months).</p> <p>1 farm superintendent, \$2,500.</p> <p>3 farm superintendents, at \$2,040 each.</p> <p>1 farm foreman, \$70 per month.</p> <p>1 teamster, \$75 per month.</p> <p>1 teamster, \$75 per month (10 months).</p> <p>1 teamster, \$60 per month (1 month) and \$65 per month (11 months).</p> <p>1 surveyor, \$8 per diem, when actually employed.</p> <p>1 surveyor, \$6 per diem, when actually employed.</p> <p>1 architect and superintendent of construction, \$125 per month (6 months).</p> <p>1 electrician, \$4.50 per diem, when actually employed.</p> <p>1 electrician, \$4 per diem, when actually employed.</p> <p>1 electrician, 60 cents per hour, when actually employed.</p> <p>1 electrician, 45 cents per hour, when actually employed.</p> <p>1 cook and caretaker, \$30 per month (24 days) and \$35 per month (3½ months).</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Dry-land agriculture, 1917, \$160,000.		
Out of Washington—Continued.		
18 carpenters, at \$4 per diem each, when actually employed. 2 carpenters, at \$3.60 per diem each, when actually employed. 2 carpenters, at \$3.20 per diem each. 1 foreman carpenter, \$4 per diem. 1 painter, \$3.60 per diem, when actually employed. 2 cooks and caretakers, at \$35 per month each. 3 cooks and caretakers, at \$30 per month each. 1 cook and caretaker, \$25 per month. 1 cook and caretaker, \$20 per month. 1 plumber, \$7.50 per diem, when actually employed. 1 plumber, \$3.60 per diem, when actually employed. 1 bricklayer, \$4 per diem, when actually employed. 1 collaborator, \$1 per month.		
Dry-land agriculture, 1915, \$160,000, and \$250 by transfer from pomological investigations; total, \$160,250.		
Out of Washington—Continued.		
1 cook and caretaker, \$30 per month (7½ months). 1 cook and caretaker, \$25 per month (3½ months). 1 cook and caretaker, \$20 per month (2 months). 1 cook, \$25 per month. 18 carpenters, at \$4 per diem each, when actually employed. 3 carpenters, at \$3.60 per diem each, when actually employed. 1 carpenter, \$3.20 per diem, when actually employed. 2 carpenters, at \$3 per diem each, when actually employed. 2 painters, at \$4 per diem each, when actually employed. 1 painter, \$3.60 per diem, when actually employed. 1 foreman painter, \$5 per diem, when actually employed. 2 painters, at 45 cents per hour each, when actually employed. 1 plasterer, 75 cents per hour, when actually employed. 1 plasterer's assistant, 25 cents per hour, when actually employed. 1 plumber, \$7.50 per diem, when actually employed. 1 plumber, \$3.60 per diem, when actually employed. 1 bricklayer, \$4 per diem, when actually employed. 5 laborers, at \$75 per month each. 1 laborer, \$70 per month. 2 laborers, at \$65 per month each, when actually employed. 5 laborers, at \$60 per month each, when actually employed. 3 laborers, at \$55 per month each, when actually employed. 6 laborers, at \$50 per month each, when actually employed. 5 laborers, at \$45 per month each, when actually employed. 2 laborers, at \$40 per month each, when actually employed. 4 laborers, at \$2.50 per diem each, when actually employed. 7 laborers, at \$2 per diem each, when actually employed. 10 laborers, at \$1.75 per diem each, when actually employed. 3 laborers, at \$1.50 per diem each, when actually employed. 5 laborers, at \$1.25 per diem each, when actually employed. 1 laborer, \$1 per diem, when actually employed. 1 laborer, 75 cents per diem, when actually employed. 1 unskilled laborer, \$8.40 (1 month). 1 unskilled laborer, \$75 per month (2 months). 1 unskilled laborer, \$70 per month (5½ months). 1 unskilled laborer, \$67.50 per month (2 months). 1 unskilled laborer, \$65 per month (11½ months). 1 unskilled laborer, \$60 per month (10½ months). 1 unskilled laborer, \$60 per month (11 months). 1 unskilled laborer, \$60 per month (6½ months). 1 unskilled laborer, \$60 per month (9½ months). 1 unskilled laborer, \$60 per month (2½ months). 1 unskilled laborer, \$55 per month (11½ months). 1 unskilled laborer, \$55 per month (9½ months). 1 unskilled laborer, \$50 per month (8½ months). 1 unskilled laborer, \$50 per month (11½ months). 1 unskilled laborer, \$45 per month (7½ months). 8 unskilled laborers, at \$2 per diem each, when actually employed.		

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
General Expenses, Bureau of Plant Industry—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Dry-land agriculture, 1917, \$160,000.		Dry-land agriculture, \$160,000, and \$250 by transfer from pomological investigations; total, \$160,250.	
Traveling expenses..... \$12,000.00 Supplies and equipment..... 29,000.00 Miscellaneous expenses..... 30,000.00 Construction work ¹ 4,000.00 Total estimate, 1917..... 160,000.00 Total appropriation, 1916..... 160,000.00		Out of Washington—Continued. 1 unskilled laborer, \$1.75 per diem, when actually employed. 1 collaborator, \$1 per month (1 month). Traveling expenses..... \$11,442.99 Supplies and equipment..... 18,557.56 Miscellaneous expenses..... 20,849.39 Construction work ² 25,621.96 Total expenditure, 1915..... 159,693.83	
¹ This construction work will probably include the following: Machine shed, Akron, Colo..... \$1,500 Bunk house, Ardmore, S. Dak..... 600 Concrete floor, Big Springs, Tex..... 350 Greenhouse, Big Springs, Tex..... 250 Addition to shed, Mandan, N. Dak..... 600 Machine shed, Dalhart, Tex..... 700 Total..... 4,000		² The unit cost of this construction work is as follows: Woodward, Okla., material..... \$241.59 Akron, Colo., material..... 1,439.57 Dalhart, Tex., material..... 1,213.41 Mandan, N. Dak., material..... 2,204.24 Colby, Kans., material..... 10.00 Williston, N. Dak., material..... 1.70 Tucumcari, N. Mex., material..... 622.53 Ardmore, S. Dak., material..... 869.22 Big Springs, Tex.: For new building, including superintendent's residence, office and laboratory, barn, implement shed, as per contract J. W. Morgan.... \$8,485.00 Additional labor..... 112.63 Material..... 463.90 9,061.53 Lawton, Okla.: For barn and implement shed as per contract with Tochterman & Richards... 2,976.00 Office and laboratory as per contract with Cockerell & Wilson..... 2,572.00 Superintendent's residence, as per contract with J. F. Wass..... 3,090.00 Material..... 1,320.17 9,958.17 Total..... 25,621.96	
Western irrigation agriculture, 1917, \$75,380.		Western irrigation agriculture, 1915, \$70,380.	
Salaries..... \$46,020.00 As follows: In Washington— 1 agriculturist in charge, \$3,240. 1 assistant, \$2,500. Out of Washington— 4 farm superintendents, at \$2,000 each. 1 farm superintendent, \$1,800. 1 agriculturist, \$1,800. 1 scientific assistant in pomology, \$1,800. 1 assistant in dry-land agriculture, \$1,620. 4 assistants, at \$1,200 each. 1 collaborator (and agriculturist), \$300. 1 collaborator, \$300. 38 laborers, at \$60 per month each (8 months). 1 assistant in dry-land agriculture, \$1,440.		Salaries..... \$40,478.78 As follows: In Washington— 1 agriculturist in charge, \$3,240. 1 messenger boy, \$600 (1 month). Out of Washington— 1 assistant in crop acclimatization, \$2,500 (9½ months). 1 farm superintendent, \$2,000. 1 farm superintendent, \$2,000 (9 months). 1 farm superintendent, \$2,000 (9½ months). 1 farm superintendent, \$1,800 (9 months). 1 assistant agriculturist, \$2,000 (6 months). 1 assistant in dry-land agriculture, \$1,440 (1½ months), and \$1,620 (9½ months). 1 assistant in dry-land agriculture, \$1,440 (11½ months). 1 assistant in dry-land agriculture, \$1,200. 1 assistant in arboriculture, \$1,200. 1 scientific assistant, \$1,620 (6 months). 1 scientific assistant, \$1,200. 1 scientific assistant, \$1,200 (10 months). 1 stenographer and typewriter, \$900 (19 days). 1 unskilled laborer, \$840. 1 unskilled laborer, \$840 (7 months). 1 unskilled laborer, \$720 (1 month) and \$840 (1½ months). 1 unskilled laborer, \$720 (5 months). 2 unskilled laborers, at \$660 each. 2 collaborators, at \$300 each. 1 farm teamster, \$35 per month. 1 unskilled laborer, \$75 per month (11½ months). 3 unskilled laborers, at \$75 per month each (temporary). 1 teamster, \$70 per month (27 days). 4 unskilled laborers, at \$70 per month each (temporary). 1 teamster, \$65 per month (5½ months). 19 unskilled laborers, at \$60 per month each (temporary).	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Western irrigation agriculture, 1917, \$75,380.		Western irrigation agriculture, 1915, \$70,380.	
Traveling expenses..... \$10,000.00 Supplies and equipment..... 13,760.00 Miscellaneous expenses..... 5,600.00 Total estimate, 1917..... 75,380.00 Total appropriation, 1916..... 70,380.00 Increase..... 5,000.00		Out of Washington—Continued. 4 unskilled laborers, at \$55 per month each (temporary). 2 unskilled laborers, at \$40 per month each (temporary). 1 caretaker and mess cook, \$30 per month. 2 student assistants, at \$25 per month each (temporary). 4 caretakers and mess cooks, at \$25 per month each (temporary). 1 caretaker and mess cook, \$20 per month (temporary). 1 caretaker and mess cook, \$15 per month (temporary). 1 architect and superintendent of construction, \$6 per diem, when actually employed. 6 unskilled laborers, at \$2.25 per diem each, when actually employed. 9 unskilled laborers, at \$2 per diem each, when actually employed. 2 unskilled laborers, at \$1.25 per diem each, when actually employed. 1 collaborating clerk, 25 cents per hour, when actually employed. Traveling expenses..... \$6,278.54 Supplies and equipment..... 6,187.18 Miscellaneous expenses..... 17,333.44 Total expenditures, 1915..... 70,277.92	
Pomological investigations, 1917, \$105,060.		Pomological investigations, 1915, \$107,500, less \$550 by transfer to other lump funds; net amount, \$106,950.	
Salaries..... \$55,338.00 As follows: In Washington— 1 horticulturist in charge of horticultural and pomological investigations, \$4,000 (6 months). 2 pomologists, at \$3,000 each. 1 pomologist, \$2,760. 1 pomologist, \$2,700. 1 pomologist, \$2,280. 1 assistant pomologist, \$2,760.. 1 assistant pomologist, \$2,040. 1 refrigeration technologist, \$2,500. 1 assistant in refrigeration, \$1,440. 1 botanist, \$2,280. 1 nut culturist, \$2,040. 1 scientific assistant, \$1,680. 2 scientific assistants, at \$1,620 each. 2 scientific assistants, at \$1,440 each. 1 scientific assistant, \$1,440 (6 months). 1 scientific assistant, \$1,200. 1 assistant in illustrations, \$1,200. 2 skilled laborers, at \$25 per month each (8 months).		Salaries..... \$61,002.52 As follows: In Washington— 1 horticulturist in charge of horticultural and pomological investigations, \$4,000 (5 months). 1 pomologist and horticulturist, \$4,000 (1 month). 1 pomologist in charge of pomological collections, \$3,240. 1 pomologist in charge of fruit production investigations, \$3,000. 1 pomologist in charge of fruit transportation and storage investigations, \$3,000. 1 pomologist in charge of viticultural investigations, \$2,700. 1 pomologist, \$2,520. 1 refrigeration technologist, \$2,500. 1 assistant pomologist in fruit transportation and storage investigations, \$2,400. 1 pomologist, \$2,280. 1 botanist, \$2,280 (9 months). 1 pomologist in fruit transportation and storage investigations, \$2,040 (3½ months). 1 assistant pomologist in charge of nut-culture investigations, \$1,800. 1 scientific assistant in horticulture, \$1,440 (2½ months), and \$1,620 (9½ months). 1 scientific assistant in pomology, \$1,620. 1 scientific assistant in pomology, \$1,500. 2 scientific assistants, at \$1,440 each. 1 assistant in refrigeration, \$1,440. 1 scientific assistant in pomology, \$1,200 (9 months), and \$1,440 (3 months). 1 assistant in illustrations, \$1,200. 1 scientific assistant in pomology, \$1,200 (11½ months). 3 scientific assistants in pomology, at \$1,200 each (10 months). 1 scientific assistant in pomology, \$1,200 (9 months). 1 scientific assistant in pomology, \$1,200 (9½ months). 1 scientific assistant in pomology, \$1,200 (9 days). 1 stenographer and typewriter, \$1,200 (8 months). 1 stenographer and typewriter, \$1,200 (4½ months).	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Pomological investigations, 1917, \$105,060.			
Out of Washington— 1 physiologist, \$3,240. 1 assistant pomologist, \$1,800. 1 viticultural superintendent, \$1,620. 6 scientific assistants, at \$1,200 each. 1 expert, \$50 per month. 3 collaborators, at \$1 per month each. 2 collaborators, at \$1 per annum each. 1 unskilled laborer, \$60 per month.			
Traveling expenses.....	\$27,750.00		
Supplies and equipment.....	13,042.00		
Miscellaneous expenses.....	8,930.00		
Total estimate, 1917.....	105,060.00		
Total appropriation, 1916.....	105,060.00		
Pomological investigations, 1915, \$107,500, less \$550 by transfer to other lump funds; net amount; \$106,950.			
In Washington—Continued. 1 stenographer and typewriter, \$1,000 (10 months). 1 typewriter operator, \$1,000 (1½ months). 1 stenographer and typewriter, \$900 (2½ months). 1 typewriter operator, \$720 (16 days). 1 unskilled laborer (charwoman), \$240. 1 draftsman, \$100 per month (1 month). 1 junior architectural draftsman, \$85 per month (9 months). 1 painter, \$3.50 per diem (26 days). Out of Washington— 1 physiologist in charge of fruit improvement investigations, \$3,240. 1 assistant pomologist in fruit improvement investigations, \$2,040. 1 assistant pomologist in fruit improvement investigations, \$1,800. 1 viticultural superintendent, \$1,620. 1 scientific assistant in pomology, \$1,440 (¾ month). 1 assistant in viticultural investigations, \$1,380. 1 collaborator, \$12 per annum. 1 collaborator and consulting pomologist, \$1 per annum (11 months). 1 assistant in pomology, \$100 per month (6½ months). 1 assistant in fruit transportation and storage investigations, \$100 per month (1½ months). 1 assistant in fruit transportation and storage investigations, \$100 per month (16 days). 1 assistant in citrus fruit investigations, \$60 per month (6 months). 1 expert in fruit breeding, \$50 per month. 1 collaborator, \$10 per month (1 month). 1 collaborator, \$5 per diem (21 days).			
Traveling expenses.....	\$19,902.62		
Supplies and equipment.....	14,545.15		
Miscellaneous expenses.....	11,313.16		
Total expenditures, 1915.....	106,763.45		
Gardens and grounds, 1917, \$11,690.			
Salaries.....	\$6,439.75		
As follows:			
In Washington—			
1 assistant in charge of pathological and physiological plant houses and department grounds, \$2,400.			
1 plant breeder and propagator, \$2,220 (4 months).			
2 outside gardeners, at \$2 per diem each, when actually employed.			
1 unskilled laborer, \$1.75 per diem, when actually employed.			
5 skilled laborers, at \$25 per month each.			
Supplies and equipment.....	2,000.00		
Miscellaneous expenses.....	3,250.25		
Total estimate, 1917.....	11,690.00		
Total appropriation, 1916.....	11,690.00		
Experimental gardens and grounds, 1915, \$11,690, and \$1,200 by transfer from pathological laboratory; total, \$12,890.			
Salaries.....	\$3,852.33		
As follows:			
In Washington—			
1 assistant in charge of pathological and physiological plant houses and department grounds, \$2,400.			
1 plant breeder and propagator, \$2,220 (4 months).			
1 skilled laborer, \$25 per month (6½ months).			
1 skilled laborer, \$25 per month (3½ months).			
1 unskilled laborer, \$25 per month (1½ months).			
1 carpenter, \$3.50 per diem (77½ days).			
1 carpenter, \$3.50 per diem (39 days).			
Supplies and equipment.....	1,907.94		
Miscellaneous expenses.....	6,047.82		
Construction work ¹	957.24		
Total expenditures, 1915.....	12,765.43		
¹ This construction work consisted of the erection of two temporary greenhouses on the department grounds in Washington, D. C., as follows:			
Labor.....	\$364.00		
Lumber and material.....	593.24		
Total.....	957.24		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Horticultural investigations, 1917, \$56,080.			
Salaries.....	\$24,585.00		
As follows:			
In Washington—			
1 horticulturist in charge, \$4,000 (6 months).			
1 horticulturist, \$3,000.			
1 horticulturist, \$2,280.			
1 plant propagator, \$2,220 (4 months).			
1 assistant horticulturist, \$1,740.			
2 scientific assistants, at \$1,620 each.			
1 scientific assistant, \$1,440 (6 months).			
1 assistant, \$900.			
1 assistant, \$50 per month (4 months).			
1 greenhouse assistant, \$25 per month.			
Out of Washington—			
1 assistant horticulturist, \$1,800.			
1 agronomist, \$1,800.			
1 scientific assistant, \$1,440.			
1 agent, \$70 per month (4 months).			
2 unskilled laborers, at \$70 per month each (temporary).			
1 unskilled laborer, \$60 per month (temporary).			
1 unskilled laborer, \$55 per month (3 months).			
1 collaborator, \$25 per month (6 months).			
1 collaborator, \$15 per month (6 months).			
1 collaborator, \$5 per month (6 months).			
1 collaborator, \$2.50 per month.			
1 unskilled laborer, \$2 per diem, when actually employed.			
Traveling expenses.....	14,800.00		
Supplies and equipment.....	12,295.00		
Miscellaneous expenses.....	4,300.00		
Total estimate, 1917.....	56,080.00		
Total appropriation, 1916.....	56,080.00		
Horticultural investigations, 1915, \$56,320, less \$100 transferred to foreign seed and plant introduction; net amount, \$56,220.			
Salaries.....	\$21,196.42		
As follows:			
In Washington—			
1 horticulturist in charge, \$4,000 (6 months).			
1 horticulturist, \$3,000.			
1 horticulturist, \$2,280.			
1 assistant horticulturist, \$1,800.			
1 assistant horticulturist, \$1,740.			
1 botanist, \$2,280 (3 months).			
1 plant breeder and propagator, \$2,220 (4 months).			
1 assistant agronomist, \$1,800 (5½ months).			
1 scientific assistant, \$1,620 (2½ months).			
1 scientific assistant, \$1,500.			
1 scientific assistant, \$1,440.			
1 laboratory aid, \$900.			
1 stenographer, \$900 (2 months).			
1 typewriter operator, \$840 (20 days).			
1 draftsman, \$100 per month (1 month).			
3 painters, at \$3.50 per diem each, when actually employed.			
1 unskilled laborer, \$600 (6½ months).			
1 messenger boy, \$360 (½ month) and unskilled laborer, \$900 (4½ months).			
1 unskilled laborer, \$240.			
1 skilled laborer, \$25 per month (11½ months).			
1 skilled laborer, \$25 per month (5½ months).			
Out of Washington—			
1 unskilled laborer, \$70 per month (8 months).			
1 unskilled laborer, \$60 per month (3 months).			
1 collaborator, \$15 per month (4 months).			
1 collaborator, \$10 per month (2 months).			
1 collaborator, \$8 per month.			
1 collaborator, \$2.50 per month.			
1 unskilled laborer, \$2.50 per diem, when actually employed.			
1 unskilled laborer, \$2.50 per diem (41 days), and \$70 per month (1½ months).			
Traveling expenses.....	9,565.95		
Supplies and equipment.....	10,497.31		
Miscellaneous expenses.....	13,165.43		
Construction work ¹	1,340.00		
Total expenditures, 1915.....	55,765.16		
¹ This construction work consisted of the erection of a potato cellar at Jerome, Idaho, as per contract with R. G. Shore.			
Arlington farm, 1917, \$15,000.			
Salaries.....	\$4,800.00		
As follows:			
Out of Washington—			
1 assistant horticulturist, \$2,400.			
1 assistant farm superintendent, \$1,680.			
1 orchardist, \$720.			
Traveling expenses.....	20.00		
Supplies and equipment.....	1,650.00		
Miscellaneous expenses.....	8,530.00		
Total estimates, 1917.....	15,000.00		
Total appropriation, 1916.....	15,000.00		
Arlington farm, 1915, \$15,000.			
Salaries.....	\$3,880.00		
As follows:			
Out of Washington—			
1 assistant horticulturist, \$2,400 (11 months).			
1 assistant farm superintendent, \$1,680.			
Traveling expenses.....	11.82		
Supplies and equipment.....	1,663.23		
Miscellaneous expenses.....	8,057.59		
Construction work ¹	646.25		
Total expenditures, 1915.....	14,258.89		
¹ This construction work consisted of the erection of a one-story semireproof concrete thrashing shed, 32 by 100 feet, covered with asbestos shingle roof, at the Arlington experimental farm at Rosslyn, Va., as follows:			
Labor.....	\$300.00		
Lumber and material.....	346.25		
Total.....	646.25		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Foreign seed and plant introduction, 1917, \$70,400.	Foreign seed and plant introduction, 1915, \$74,600, and \$3,530.96 by transfer from other lump funds; total, \$78,130.96.	
<p>Salaries..... \$42,510.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 agricultural explorer in charge, \$4,000.</p> <p>1 plant introducer, \$3,240.</p> <p>1 plant introducer, \$2,520.</p> <p>1 botanical assistant, \$2,220.</p> <p>1 botanical assistant, \$2,100.</p> <p>1 botanical assistant, \$1,800.</p> <p>1 botanical assistant, \$1,440.</p> <p>1 student assistant, \$300.</p> <p>1 unskilled laborer, \$300.</p> <p>Out of Washington—</p> <p>1 agricultural explorer, \$2,500.</p> <p>1 agricultural explorer, \$1,800.</p> <p>1 farm superintendent, \$2,040.</p> <p>1 assistant farm superintendent, \$1,800.</p> <p>1 assistant farm superintendent, \$1,440.</p> <p>1 plant propagator, \$1,620.</p> <p>1 plant propagator, \$1,200.</p> <p>1 garden and field superintendent, \$1,620.</p> <p>2 assistants in plant introduction, at \$1,440 each.</p> <p>1 unskilled laborer, \$720.</p> <p>4 unskilled laborers, at \$40 per month each.</p> <p>2 unskilled laborers, at \$50 per month each.</p> <p>1 unskilled laborer, \$4 per diem, when actually employed.</p> <p>2 unskilled laborers, at \$2 per diem each, when actually employed.</p> <p>2 unskilled laborers, at \$1.50 per diem each, when actually employed.</p> <p>1 collaborator, \$300.</p> <p>2 collaborators, at \$50 each.</p> <p>9 collaborators, at \$1 per annum each.</p> <p>Traveling expenses..... 11,000.00</p> <p>Supplies and equipment..... 14,300.00</p> <p>Miscellaneous expenses..... 2,590.00</p> <p>Total estimate, 1917..... 70,400.00</p> <p>Total appropriation, 1916..... 70,400.00</p>	<p>Salaries..... \$41,615.07</p> <p>As follows:</p> <p>In Washington—</p> <p>1 agricultural explorer in charge, \$4,000.</p> <p>1 agricultural explorer, \$1,800.</p> <p>1 plant introducer, \$3,240.</p> <p>1 plant introducer, \$2,520.</p> <p>1 plant breeder and propagator, \$2,220 (4 months).</p> <p>1 assistant botanist, \$2,220.</p> <p>1 assistant botanist, \$2,100.</p> <p>1 botanical assistant, \$1,800.</p> <p>1 botanical assistant, \$1,440 (2 months).</p> <p>1 clerk (stenographer and typewriter), \$1,200 (3 months).</p> <p>1 stenographer, \$75 per month (2½ months).</p> <p>1 laboratory aid, \$900.</p> <p>1 typewriter operator, \$840 (½ month).</p> <p>1 messenger boy, \$480.</p> <p>1 messenger boy, \$360 (10 months).</p> <p>1 unskilled laborer, \$60 per month.</p> <p>1 unskilled laborer, \$25 per month.</p> <p>1 skilled laborer, \$25 per month (9½ months).</p> <p>1 skilled laborer, \$25 per month (8½ months).</p> <p>1 student assistant, \$25 per month (1½ months).</p> <p>Out of Washington—</p> <p>1 agricultural explorer, \$2,500.</p> <p>1 assistant farm superintendent, \$2,040.</p> <p>1 assistant farm superintendent, \$1,800.</p> <p>1 assistant farm superintendent, \$1,200 (6½ months).</p> <p>1 garden and field superintendent, \$1,620.</p> <p>1 plant propagator, \$1,620.</p> <p>1 plant propagator, \$1,200.</p> <p>1 assistant in plant introduction, \$1,200 (5 months).</p> <p>1 collaborator, \$300.</p> <p>1 collaborator, \$50.</p> <p>9 collaborators, at \$1 per annum each.</p> <p>1 collaborator, \$1 (5½ months).</p> <p>1 unskilled laborer, \$720.</p> <p>1 unskilled laborer, \$60 per month, (6½ months).</p> <p>1 unskilled laborer, \$60 per month (5½ months).</p> <p>1 unskilled laborer, \$50 per month (6½ months).</p> <p>2 unskilled laborers, at \$40 per month each.</p> <p>1 unskilled laborer, \$40 per month (temporary).</p> <p>1 unskilled laborer, \$40 per month (9½ months).</p> <p>1 unskilled laborer, \$40 per month (3½ months).</p> <p>1 unskilled laborer, \$40 per month (2½ months) and \$45 per month (3½ months).</p> <p>Traveling expenses..... 8,013.17</p> <p>Supplies and equipment..... 6,000.00</p> <p>Miscellaneous expenses..... 18,832.37</p> <p>Construction work¹..... 3,381.33</p> <p>Total expenditures, 1915..... 77,841.94</p> <p>¹ The unit cost of this construction work was as follows:</p> <p>Stone and concrete fence, at field station near Buena Vista, Fla., as per informal bid with J. R. Swanson..... \$1,394.33</p> <p>Cement walk near quarantine greenhouse, Washington, D. C., as per informal bid with C. H. Lavender..... 37.00</p> <p>Modifying section of greenhouse, department grounds, Washington, D. C., as per informal bid with J. H. Grant..... 315.00</p> <p>Erecting plant quarantine greenhouse, department grounds, Washington, D. C., as per contract with C. A. Barker..... 1,635.00</p> <p>Total..... 3,381.33</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Forage crop investigations, 1917, \$80,920.			
Salaries.....	\$43,928.00		
As follows:			
In Washington—			
1 agrostologist in charge, \$3,500.			
1 agriculturist, \$2,760.			
1 agronomist, \$2,500.			
2 agronomists, at \$2,400 each.			
1 plant breeder and propagator, \$2,220.			
1 assistant agronomist, \$1,800.			
2 scientific assistants, at \$1,800 each.			
1 scientific assistant, \$1,620.			
1 scientific assistant, \$1,440.			
1 scientific assistant, \$900.			
2 stenographers and typewriters, at \$75 per month each (3 to 6 months).			
1 student assistant, \$25 per month.			
Out of Washington—			
1 assistant agriculturist, \$2,000.			
1 assistant agrostologist, \$1,800.			
1 scientific assistant, \$1,620.			
3 scientific assistants, at \$1,620 each.			
2 scientific assistants, at \$1,440 each.			
2 collaborators, at \$1 per annum each.			
1 agent, \$100 per month (5 months).			
1 agent, \$100 per month (2½ months).			
1 assistant in forage crop investigations, \$70 per month (4 months).			
1 unskilled laborer, \$70 per month (4 months).			
1 agent, \$50 per month (10 months).			
1 agent, \$50 per month (2 months).			
1 unskilled laborer, \$40 per month (temporary).			
1 unskilled laborer, \$30 per month (4 months).			
1 unskilled laborer, \$25 per month (4 months).			
1 agent, \$10 per month.			
3 collaborators, at \$1 per month each.			
1 scientific assistant, \$1,200.			
2 unskilled laborers, at \$2 per diem each (100 days).			
Traveling expenses.....	12,000.00		
Supplies and equipment.....	15,000.00		
Miscellaneous expenses.....	9,992.00		
Total estimate, 1917.....	80,920.00		
Total appropriation, 1916.....	59,920.00		
Increase.....	21,000.00		
Forage crop investigations, 1915, \$66,500, and \$315 by transfer from farm management, less \$440 transferred to other lump funds; net amount, \$66,375.			
Salaries.....	\$44,148.13		
As follows:			
In Washington—			
1 agrostologist in charge, \$3,240.			
1 superintendent of testing gardens, \$3,000.			
1 agronomist, \$2,520 (6 months).			
1 horticulturist, \$2,460.			
1 agronomist, \$2,400.			
1 agronomist, \$2,400 (10 months).			
1 scientific assistant, \$1,800.			
1 scientific assistant, \$1,800 (11 months).			
1 scientific assistant, \$1,800 (9½ months).			
1 technologist, \$1,800 (2 months).			
1 assistant, \$1,620.			
1 scientific assistant, \$1,440 (10 months).			
1 scientific assistant, \$900.			
1 stenographer and typewriter, \$900 (8½ months).			
1 stenographer and typewriter, \$75 per month (8½ months).			
1 stenographer and typewriter, \$75 per month (5 months).			
1 student assistant, \$25 per month (5½ months).			
1 skilled laborer, \$25 per month (6½ months).			
2 painters, at \$3.50 per diem each, when actually employed.			
Out of Washington—			
1 assistant agriculturist, \$2,000.			
1 assistant agrostologist, \$1,800.			
1 scientific assistant, \$1,620.			
1 scientific assistant, \$1,500.			
1 scientific assistant, \$1,440.			
1 scientific assistant, \$1,440 (11½ months).			
1 scientific assistant, \$1,200 (4½ months).			
1 agent, \$100 per month (6½ months).			
1 agent, \$100 per month (9½ months).			
1 agent, \$75 per month (7 months).			
1 agent, \$60 per month (5 months).			
1 agent, \$50 per month (10 months).			
1 assistant in forage crop investigations, \$60 per month (3½ months).			
1 unskilled laborer, \$60 per month (4½ months), and \$80 per month (3½ months).			
1 unskilled laborer, \$70 per month (27 days).			
1 unskilled laborer, \$60 per month (4½ months).			
1 unskilled laborer, \$50 per month (2 months).			
1 unskilled laborer, \$40 per month (2 months).			
1 unskilled laborer, \$30 per month (3½ months).			
1 unskilled laborer, \$25 per month (3½ months).			
6 unskilled laborers, at \$2 per diem each, when actually employed.			
2 unskilled laborers, at \$1.75 per diem each, when actually employed.			
1 collaborator, \$8 per month (2 months).			
3 collaborators, at \$1 per month each.			
1 collaborator, \$1 per month (2 months).			
2 collaborators, at 50 cents per hour each, when actually employed.			
1 collaborator, 25 cents per hour, when actually employed.			
Traveling expenses.....	8,039.81		
Supplies and equipment.....	3,418.25		
Miscellaneous expenses.....	6,997.22		
Total expenditures, 1915.....	62,603.41		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Drought-resistant seeds, 1917, \$60,000.		Drought-resistant seeds, 1915, \$100,000.	
Salaries.....	\$2,250.00	Salaries.....	\$4,121.09
As follows:		As follows:	
In Washington—		In Washington—	
5 stenographers and typewriters, at \$75 per month each (3 to 6 months).		1 scientific assistant in agrostology, \$1,800 (1 month).	
		1 assistant in cotton breeding, \$1,380 (7½ months).	
		1 stenographer and typewriter, \$1,200 (3½ months).	
		1 seed warehouseman, \$1,000 (11 months).	
		1 stenographer and typewriter, \$75 per month (1½ months).	
		1 stenographer and typewriter, \$75 per month (4½ months).	
		1 stenographer and typewriter, \$75 per month (4½ months).	
		1 stenographer and typewriter, \$75 per month (3½ months).	
		1 stenographer and typewriter, \$75 per month (2½ months).	
		1 stenographer and typewriter, \$75 per month (2½ months).	
		1 stenographer and typewriter, \$75 per month (1½ months).	
Supplies and equipment.....	2,675.00	Traveling expenses.....	1,160.77
Miscellaneous expenses (including \$49,575 for seeds).....	55,075.00	Supplies and equipment.....	3,510.15
		Miscellaneous expenses (including \$83,430 for seeds).....	89,339.21
Total estimate, 1917.....	60,000.00	Total expenditures, 1915.....	98,131.22
Total appropriation, 1916.....	60,000.00		
No estimate for 1917.		Cactus investigations, 1915, \$9,180; less \$690 transferred to other lump funds; net amount, \$8,490.	
NOTE.—Cactus investigations for 1917 is included in the item for forage crop investigations.		Salaries.....	\$5,460.00
		As follows:	
		In Washington—	
		1 agriculturist, \$2,760.	
		1 agriculturist, \$2,280.	
		Out of Washington—	
		1 fence rider, \$25 per month.	
		1 agent, \$10 per month.	
		Traveling expenses.....	1,434.93
		Supplies and equipment.....	759.14
		Miscellaneous expenses.....	596.54
		Total expenditures, 1915.....	8,220.61
Administrative and miscellaneous, 1917, \$31,020.		Administrative and miscellaneous, 1915, \$32,490.	
Salaries.....	\$21,446.00	Salaries.....	\$24,483.23
As follows:		As follows:	
In Washington—		In Washington—	
1 assistant chief of bureau, \$4,000.		1 horticulturist, \$4,000 (1 month).	
1 scientific assistant in horticulture, \$1,800.		1 physiologist and assistant chief, \$4,000 (9½ months).	
1 scientific assistant in library science, \$1,800.		1 chief, office of information, \$3,000 (3 months).	
1 botanical assistant, \$1,600.		1 scientific assistant in horticulture, \$1,800.	
1 assistant, \$1,500.		1 scientific assistant in library science, \$1,800 (11½ months).	
1 scientific assistant in library science, \$1,440.		1 scientific assistant in plant pathology, \$1,620 (11 months).	
4 assistants, at \$100 per month each (1 to 6 months).		1 botanical assistant, \$1,600.	
6 stenographers and typewriters, at \$75 per month each (1 to 6 months).		1 clerk, at \$1,500 (9½ months).	
2 typewriter operators, at \$75 per month each (1 to 6 months).		1 scientific assistant in library science, \$1,440.	
2 assistants, at \$70 per month each (1 to 6 months).		1 clerk, \$1,400 (6 months).	
2 laborers, at \$55 per month each (1 to 6 months).		1 superintendent of shops, \$1,400 (3½ months).	
6 painters or mechanics, at \$3.50 per diem each, when actually employed (1 to 6 months).		1 stenographer and typewriter, \$1,200 (5½ months).	
		1 stenographer and typewriter, \$1,200 (4 months).	
		1 cabinetmaker, \$1,020 (9½ months).	
		1 plumber, \$1,020 (4 months).	
		1 clerk, \$1,000 (8½ months).	
		1 botanical translator, \$1,000 (2 months).	
		1 stenographer and typewriter, \$1,000 (12½ days).	
		1 elevator conductor, \$720 (6½ months).	
		1 watchman, \$720 (1½ months).	
		1 messenger boy, \$660 (3 days).	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Administrative and miscellaneous, 1917, \$31,020.		Administrative and miscellaneous, 1915, \$32,490.	
<p>Out of Washington— 2 collaborators, at \$1 per month each. Traveling expenses..... \$600.00 Supplies and equipment..... 5,000.00 Miscellaneous expenses..... 3,974.00</p> <p>Total estimate, 1917..... 31,020.00 Total appropriation, 1916..... 32,490.00</p> <p>Decrease (by transfer of 1 assistant in charge of information, \$750 (part salary), and 1 watchman at \$720 to statutory roll of Secretary's office)..... 1,470.00</p>		<p>In Washington—Continued. 1 unskilled laborer, \$600 (3 months). 1 laboratory aid, \$600 (5½ months). 1 unskilled laborer, \$540 (2½ months). 1 messenger boy, \$480 (5½ months). 1 unskilled laborer, \$240 (4½ months). 1 warehouseman, \$100 per month (3 months). 1 draftsman, \$100 per month (1 month). 1 aid, \$75 per month (7 months). 2 skilled laborers, at \$50 per month each (temporary). 1 skilled laborer, \$25 per month (11½ months). 1 skilled laborer, \$25 per month (11 months). 1 skilled laborer, \$25 per month (10½ months). 1 skilled laborer, \$25 per month (10½ months). 2 skilled laborers, at \$25 per month each (8 months). 1 skilled laborer, \$25 per month (7 months). 1 skilled laborer, \$25 per month (10½ months). 1 skilled laborer, \$25 per month (9½ months). 1 skilled laborer, \$25 per month (11 months). 1 skilled laborer, \$25 per month (9½ months). 2 skilled laborers, at \$25 per month each (11½ months). 1 student assistant, \$25 per month (2½ months). 1 electrician's helper, \$2 per diem (19½ days). 1 unskilled laborer, \$1.50 per diem (22 days).</p> <p>Out of Washington— 1 agent, \$60 per month (18 days). Traveling expenses..... \$270.75 Supplies and equipment..... 4,686.58 Miscellaneous expenses..... 2,915.16</p> <p>Total expenditures, 1915..... 32,355.72</p>	

Purchase and Distribution of Valuable Seeds—

- (101) For purchase, propagation, testing, and congressional distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants; all necessary office fixtures and supplies, fuel, transportation, paper, twine, gum, postal cards, gas, electric current, rent outside of the District of Columbia, official traveling expenses, and all necessary material and repairs for putting up and distributing the same; for repairs and the employment of local and special agents, clerks, assistants, and other labor required, in the city of Washington and elsewhere, \$252,540. And the Secretary of Agriculture is hereby directed to expend the said sum, as nearly as practicable, in the purchase, testing, and distribution of such valuable seeds, bulbs, shrubs, vines, cuttings, and plants, the best he can obtain at public or private sale, and such as shall be suitable for the respective localities to which the same are to be apportioned, and in which same are to be distributed as hereinafter stated, and such seeds so purchased shall include a variety of vegetable and flower seeds suitable for planting and culture in the various sections of the United States: *Provided*, That the Secretary of Agriculture, after due advertisement and on competitive bids, is authorized to award the contract for the supplying of printed packets and envelopes and the packeting, assembling, and mailing of the

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<p><i>Purchase and Distribution of Valuable Seeds—Continued.</i></p> <p>seeds, bulbs, shrubs, vines, cuttings, and plants, or any part thereof, for a period of not more than five years nor less than one year, if by such action he can best protect the interests of the United States. An equal proportion of five-sixths of all seeds, bulbs, shrubs, vines, cuttings, and plants, shall, upon their request, after due notification by the Secretary of Agriculture that the allotment to their respective districts is ready for distribution, be supplied to Senators, Representatives, and Delegates in Congress for distribution among their constituents, or mailed by the department upon the receipt of their addressed franks, in packages of such weight as the Secretary of Agriculture and the Postmaster General may jointly determine: <i>Provided, however,</i> That upon each envelope or wrapper containing packages of seeds the contents thereof shall be plainly indicated, and the Secretary shall not distribute to any Senator, Representative, or Delegate seeds entirely unfit for the climate and locality he represents, but shall distribute the same so that each Member may have seeds of equal value, as near as may be, and the best adapted to the locality he represents: <i>Provided, also,</i> That the seeds allotted to Senators and Representatives for distribution in the districts embraced within the twenty-fifth and thirty-fourth parallels of latitude shall be ready for delivery not later than the 10th day of January: <i>Provided, also,</i> That any portion of the allotments to Senators, Representatives, and Delegates in Congress remaining uncalled for on the 1st day of April shall be distributed by the Secretary of Agriculture, giving preference to those persons whose names and addresses have been furnished by Senators and Representatives in Congress and who have not before during the same season been supplied by the department: <i>And provided, also,</i> That the Secretary shall report, as provided in this act, the place, quantity, and price of seeds purchased, and the date of purchase; but nothing in this paragraph shall be construed to prevent the Secretary of Agriculture from sending seeds to those who apply for the same. And the amount herein appropriated shall not be diverted or used for any other purpose but for the purchase, testing, propagation, and distribution of valuable seeds, bulbs, mulberry and other rare and valuable trees, shrubs, vines, cuttings and plants (<i>act Mar. 4, 1915, vol. 38, pp. 1094, 1095, sec. 1</i>)</p>		
<p>Appropriations for 1907..... \$242,920</p> <p>Appropriations for 1908..... 238,000</p> <p>Public Resolution No. 2..... 50,000</p> <p>Appropriations for 1909..... 258,000</p> <p>Appropriations for 1910..... 317,960</p> <p>Appropriations for 1911..... 309,590</p> <p>Appropriations for 1912..... 289,680</p> <p>Appropriations for 1913..... 285,680</p> <p>Appropriations for 1914..... 296,000</p> <p>Appropriations for 1915..... 257,600</p> <p>Appropriations for 1916..... 252,540</p>	<p>\$252, 540. 00</p>	<p>\$252,540. 00</p>
<p>Estimates for 1908..... \$238,600</p> <p>Estimates for 1909..... 249,000</p> <p>Estimates for 1910..... 243,680</p> <p>Estimates for 1911..... 309,590</p> <p>Estimates for 1912..... 301,680</p> <p>Estimates for 1913..... 285,680</p> <p>Estimates for 1914..... 263,900</p> <p>Estimates for 1915.....</p> <p>Estimates for 1916..... 252,540</p> <p>Estimates for 1917..... 252,540</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Purchase and Distribution of Valuable Seeds—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>			
Purchase and distribution of valuable seeds, 1917, \$252,540.	Purchase and distribution of valuable seeds, 1915, \$252,540.		
Salaries..... \$16,904.00	Salaries..... \$17,057.99		
As follows:	As follows:		
In Washington—	In Washington—		
1 agronomist in charge, \$3,000.	1 assistant superintendent of testing gar-		
1 superintendent of testing gardens, \$3,000.	dens, \$2,700.		
1 assistant superintendent of testing gardens, \$2,760.	1 agronomist, \$2,750.		
1 horticulturist, \$2,460.	1 seed warehouseman, \$1,400.		
2 watchmen, at \$40 per month each (4 months).	1 seed warehouseman, \$1,020.		
1 student assistant, \$25 per month.	1 seed warehouseman, \$1,000 (1 month).		
5 skilled laborers, at \$25 per month each.	1 seed warehouseman, \$840.		
1 skilled laborer, \$2 per diem, when actually employed.	1 stenographer and typewriter, \$1,000 (3 days).		
1 collaborator, \$1 per month.	1 stenographer and typewriter, \$75 per month (94 months).		
	1 fireman, \$60 per month (6 months).		
	1 watchman, \$40 per month (9 months).		
	1 student assistant, \$25 per month (11 months).		
	1 student assistant, \$25 per month (3 months).		
	4 skilled laborers, at \$25 per month each.		
	1 skilled laborer, \$25 per month.		
	1 skilled laborer, \$25 per month (11½ months).		
	1 skilled laborer, \$25 per month (3½ months).		
	2 painters, at \$3.50 per diem each, when actually employed.		
	1 collaborator, \$1 per month.		
Out of Washington—	Out of Washington—		
1 plant propagator, \$1,080.	1 scientific assistant, \$1,380 (6 months).		
1 unskilled laborer, \$60 per month (5 months).	1 assistant in cotton breeding, \$1,380 (2 months).		
1 unskilled laborer, \$50 per month (5 months).	3 unskilled laborers, at \$2 per diem each, when actually employed.		
1 unskilled laborer, \$50 per month (4 months).	1 collaborator, \$1 per annum.		
2 unskilled laborers, at \$45 per month each (6 months).			
1 unskilled laborer, \$45 per month (5 months).			
1 unskilled laborer, \$40 per month (6 months).			
1 unskilled laborer, \$40 per month (2 months).			
1 unskilled laborer, \$30 per month (2 months).			
1 collaborator, \$1 per annum.			
Traveling expenses..... 1,000.00	Traveling expenses..... 1,718.51		
Supplies and equipment..... 9,600.00	Supplies and equipment..... 4,238.11		
Miscellaneous expenses (including \$212,036 for seed)..... 225,036.00	Miscellaneous expenses (including \$211,841 for seed)..... 229,049.19		
Total estimate, 1917..... 252,540.00	Total expenditures, 1915..... 252,063.80		
Total appropriation, 1916..... 252,540.00			
Total for Bureau of Plant Industry (increase \$103,620)		\$2,242,770.00	\$2,139,150.00

FOREST SERVICE.

Salaries, Forest Service—

- | | |
|---|------------|
| (1) One forester, who shall be chief of bureau (<i>acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; Mar. 4, 1915, vol. 38, p. 1095, sec. 1</i>) | \$5,000.00 |
| (2) One chief of office of accounts and fiscal agent (<i>same acts</i>) | 2,500.00 |
| (3) Seven district fiscal agents, at \$2,000 each (<i>same acts</i>) | 14,000.00 |
| (4) One forest supervisor (in lieu of 1 forest supervisor, at \$2,600, with increase of \$200) (<i>same acts</i>) | 2,800.00 |

NOTE.—This change provides an increase in salary from \$2,600 to \$2,800 for the supervisor of the national forests in Alaska. The present salary, which was provided four years ago, has been found to be inadequate in view of the high cost of living and other unusual expenses incident to residence in Alaska. It is exceedingly difficult to get the right man for this place, and the supervisor now assigned to the position is a picked man with special qualifications and with years of experience in administering the national forests.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Forest Service—Continued.</i>		
(5) One forest supervisor (<i>acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; Mar. 4, 1915, vol. 38, p. 1095, sec. 1</i>) \$2,700.00 <div data-bbox="407 397 1197 457"> <p> [One forest supervisor, \$2,600, changed to 1 forest supervisor, \$2,800, as above.]</p> </div>		
(6) Eight forest supervisors, at \$2,400 each (<i>same acts</i>).....	19,200.00	
(7) Twenty forest supervisors, at \$2,200 each (<i>same acts</i>).....	44,000.00	
(8) Forty-eight forest supervisors, at \$2,000 each (<i>same acts</i>).....	96,000.00	
(9) Sixty-six forest supervisors, at \$1,800 each (<i>same acts</i>).....	118,800.00	
(10) Five forest supervisors, at \$1,600 each (<i>same acts</i>).....	8,000.00	
(11) One deputy forest supervisor (<i>same acts</i>).....	1,800.00	
(12) Four deputy forest supervisors, at \$1,700 each (<i>same acts</i>).....	6,800.00	
(13) Twenty-eight deputy forest supervisors, at \$1,600 each (<i>same acts</i>).....	44,800.00	
(14) Thirty-one deputy forest supervisors, at \$1,500 each (<i>same acts</i>).....	46,500.00	
(15) Eighteen deputy forest supervisors, at \$1,400 each (<i>same acts</i>).....	25,200.00	
(16) Ten forest rangers, at \$1,500 each (<i>same acts</i>).....	15,000.00	
(17) Twenty-two forest rangers, at \$1,400 each (<i>same acts</i>).....	30,800.00	
(18) Seventy-eight forest rangers, at \$1,300 each (<i>same acts</i>).....	101,400.00	
(19) Two hundred and eighty-seven forest rangers, at \$1,200 each (<i>same acts</i>).....	344,400.00	
(20) Six hundred and fifty forest rangers, at \$1,100 each (the word "assistant" is omitted from the title "assistant forest ranger") (<i>same acts</i>).....	715,000.00	
<p>NOTE.—The designation "assistant forest ranger" has been changed to "forest ranger" in order to indicate more clearly the duties to be performed. There are now 1,047 forest rangers provided for on the statutory roll (including the 650 places at \$1,100) at salaries ranging from \$1,100 to \$1,500. While there is a difference in the responsibilities of the work in different ranger districts which justifies the several salary grades, the duties of the positions are substantially the same. All of these rangers report directly to the several supervisors, and none of them are in fact assistants to other forest rangers.</p>		
(21) Eighty forest guards, at \$1,100 each, for periods not exceeding 6 months in the aggregate (<i>same acts</i>).....	44,000.00	
(22) One clerk (<i>same acts</i>).....	2,100.00	
(23) Four clerks, at \$2,000 each (<i>same acts</i>).....	8,000.00	
(24) Nineteen clerks, at \$1,800 each (<i>same acts</i>).....	34,200.00	
(25) Twenty-one clerks, at \$1,600 each (increase of 1 by transfer from lump fund for general administration) (<i>same acts</i>).....	33,600.00	
(26) Nine clerks, at \$1,500 each (<i>same acts</i>).....	13,500.00	
(27) Twenty-one clerks, at \$1,400 each (<i>same acts</i>).....	29,400.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Forest Service—Continued.</i>		
(28) Nine clerks, at \$1,300 each (increase of 1 by transfer from lump fund for silvical investigations) (<i>acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; Mar. 4, 1915, vol. 38, p. 1095, sec. 1</i>)	\$11, 700. 00	
(29) One hundred and fourteen clerks, at \$1,200 each (increase of 2 by transfer from lump funds for general administration and silvical investigations) (<i>same acts</i>)	136, 800. 00	
(30) Eighty-nine clerks, at \$1,100 each (increase of 1 by transfer from lump fund for silvical investigations) (<i>same acts</i>)	97, 900. 00	
(31) Fifty-one clerks, at \$1,020 each (<i>same acts</i>)	52, 020. 00	
(32) Thirty clerks, at \$960 each (<i>same acts</i>)	28, 800. 00	
(33) One hundred and six clerks, at \$900 each (decrease of 1 by transfer to statutory roll of Secretary's office) (<i>same acts</i>)	95, 400. 00	
(34) Two clerks, at 840 each (<i>same acts</i>)	1, 680. 00	
(35) One clerk or proof reader (by transfer of 1 proof reader, \$1,400, from lump fund for miscellaneous forest investigations, with change of title) (<i>same acts</i>)	1, 400. 00	
NOTE.—This change in designation is recommended in order that the class of labor best suited to the needs of the bureau may be employed as vacancies occur.		
(36) One clerk or translator (by transfer of 1 translator, \$1,400, from lump fund for silvical investigations, with change of title) (<i>same acts</i>)	1, 400. 00	
NOTE.—This change in designation is recommended in order that the class of labor best suited to the needs of the bureau may be employed as vacancies occur.		
(37) One compiler (<i>same acts</i>)	1, 800. 00	
(38) One draftsman (<i>same acts</i>)	2, 000. 00	
(39) Three draftsmen, at \$1,600 each (<i>same acts</i>)	4, 800. 00	
(40) One clerk or compositor (by transfer of 1 compositor, \$1,600, from lump fund for maintenance and supplies, with change of title) (<i>same acts</i>)	1, 600. 00	
NOTE.—This change in designation is recommended in order that the class of labor best suited to the needs of the bureau may be employed as vacancies occur.		
(41) One draftsman or surveyor (by transfer of 1 draftsman, \$1,500, from lump fund for miscellaneous forest investigations, with change of title) (<i>same acts</i>)	1, 500. 00	
NOTE.—This change in designation is recommended in order that the class of labor best suited to the needs of the bureau may be employed as vacancies occur.		
(42) Two draftsmen or surveyors, at \$1,400 each (by transfer of 2 topographic draftsmen, at \$1,400 each, from lump fund for general administration, with change of title) (<i>same acts</i>)	2, 800. 00	
NOTE.—The change in designation in these two cases is recommended in order that the class of labor best suited to the needs of the bureau may be employed as vacancies occur.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Forest Service—Continued.</i>		
(43) Two draftsmen, at \$1,500 each (<i>acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; Mar. 4, 1915, vol. 38, p. 1095, sec. 1</i>)-----	\$3, 000. 00	
(44) Six draftsmen, at \$1,400 each (<i>same acts</i>)-----	8, 400. 00	
(45) Four draftsmen, at \$1,300 each (<i>same acts</i>)-----	5, 200. 00	
(46) Eleven draftsmen, at \$1,200 each (increase of 2 by transfer of 1 topographic draftsman and 1 draftsman, at \$1,200 each, from lump fund for general administration, with change of title in one case) (<i>same acts</i>)-----	13, 200. 00	
NOTE.—This change in designation is recommended in order that the class of labor best suited to the needs of the bureau may be employed as vacancies occur.		
(47) Two draftsmen, at \$1,100 each (<i>same acts</i>)-----	2, 200. 00	
(48) Three draftsmen, at \$1,020 each (<i>same acts</i>)-----	3, 060. 00	
(49) One draftsman (by transfer from lump fund for miscellaneous forest investigations) (<i>same acts</i>)-----	1, 000. 00	
(50) One draftsman (<i>same acts</i>)-----	960. 00	
(51) Eight draftsmen or map colorists, at \$900 each (in lieu of 4 draftsmen, at \$900, 3 map colorists, at \$900, and 1 map colorist, at \$720, with increase of \$180) (<i>same acts</i>)-----	7, 200. 00	
NOTE.—The purpose of this readjustment is to overcome the difficulties experienced in securing eligibles from the several registers maintained by the Civil Service Commission. The change will facilitate administration in that it will enable the statutory places to be filled from either the draftsman or map-colorist registers. The one promotion involved, namely, from \$720 to \$900, is justified, since \$900 is the customary entrance salary paid in other departments for this class of work.		
【Four draftsmen, at \$900 each, changed to 4 draftsmen or map colorists, at \$900 each as above.】		
(52) One draftsman or artist (by transfer of 1 artist, at \$1,200, from lump fund for miscellaneous forest investigations, with change of title) (<i>same acts</i>)-----	1, 200. 00	
NOTE.—This change in designation is recommended in order that the class of labor best suited to the needs of the bureau may be employed as vacancies occur.		
(53) One draftsman or negative cutter (by transfer of 1 negative cutter, at \$1,200, from lump fund for miscellaneous forest investigations, with change of title) (<i>same acts</i>)-----	1, 200. 00	
NOTE.—This change in designation is recommended in order that the class of labor best suited to the needs of the bureau may be employed as vacancies occur.		
(54) One artist (<i>same acts</i>)-----	1, 400. 00	
(55) One artist (<i>same acts</i>)-----	1, 000. 00	
【Three map colorists, at \$900 each, changed to 3 draftsmen or map colorists, at \$900 each, as above.】		
【One map colorist, \$720, changed to 1 draftsman or map colorist, \$900, as above.】		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Forest Service—Continued.</i>		
(56) One photographer (<i>acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; Mar. 4, 1915, vol. 38, p. 1095, sec. 1</i>).....	\$1, 600. 00	
(57) One photographer (<i>same acts</i>).....	1, 400. 00	
(58) One photographer (<i>same acts</i>).....	1, 200. 00	
(59) One photographer (<i>same acts</i>).....	1, 100. 00	
(60) One lithographer (<i>same acts</i>).....	1, 200. 00	
(61) One lithographer's helper (<i>same acts</i>).....	780. 00	
(62) One blue-printer (by transfer from lump fund for miscellaneous forest investigations) (<i>same acts</i>).....	720. 00	
(63) One machinist (<i>same acts</i>).....	1, 260. 00	
(64) Two carpenters, at \$1,200 each (increase of 1 by transfer from lump fund for forest products) (<i>same acts</i>).....	2, 400. 00	
(65) Two carpenters, at \$1,000 each (<i>same acts</i>).....	2, 000. 00	
(66) One carpenter (<i>same acts</i>).....	960. 00	
(67) One electrician (<i>same acts</i>).....	1, 020. 00	
(68) One laboratory aid and engineer (by transfer of 1 laboratory assistant, at \$1,000, from lump fund for forest products, with change of title) (<i>same acts</i>).....	1, 000. 00	
NOTE.—This change in designation is recommended in order that the class of labor best suited to the needs of the bureau may be employed as vacancies occur.		
(69) Six laboratory aids and engineers, at \$900 each (increase of 2 by transfer from lump fund for forest products) (<i>same acts</i>)..	5, 400. 00	
(70) Two laboratory aids and engineers, at \$800 each (increase of 1 by transfer of 1 laboratory assistant at \$800 from lump fund for forest products, with change of title) (<i>same acts</i>).....	1, 600. 00	
NOTE.—This change in designation is recommended in order that the class of labor best suited to the needs of the bureau may be employed as vacancies occur.		
(71) One laboratory helper (<i>same acts</i>).....	720. 00	
(72) One laboratory helper (<i>same acts</i>).....	600. 00	
(73) One packer (<i>same acts</i>).....	1, 000. 00	
(74) One packer (<i>same acts</i>).....	780. 00	
(75) Four watchmen, at \$840 each (<i>same acts</i>).....	3, 360. 00	
(76) One messenger or laborer (<i>same acts</i>).....	960. 00	
(77) Three messengers or laborers, at \$900 each (<i>same acts</i>).....	2, 700. 00	
(78) Four messengers or laborers, at \$840 each (<i>same acts</i>).....	3, 360. 00	
(79) Three messengers or laborers, at \$780 each (<i>same acts</i>).....	2, 340. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Forest Service—Continued.</i>		
(80) Four messengers or laborers, at \$720 each (<i>acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; Mar. 4, 1915, vol. 38, p. 1095, sec. 1</i>)....	\$2,880.00	
(81) Six messengers or laborers, at \$660 each (<i>same acts</i>).....	3,960.00	
(82) Five messengers, messenger boys, or laborers, at \$600 each (<i>same acts</i>).....	3,000.00	
(83) Two messengers, messenger boys, or laborers, at \$540 each (<i>same acts</i>).....	1,080.00	
(84) Three messengers or messenger boys, at \$480 each (<i>same acts</i>)...	1,440.00	
(85) Three messengers or messenger boys, at \$420 each (<i>same acts</i>)...	1,260.00	
(86) Eleven messengers or messenger boys, at \$360 each (decrease of 1 by transfer to statutory roll of Secretary's office) (<i>same acts</i>)..	3,960.00	
(87) One charwoman (<i>same acts</i>).....	540.00	
(88) One charwoman (<i>same acts</i>).....	480.00	
(89) One charwoman (<i>same acts</i>).....	300.00	
(90) Eleven charwomen, at \$240 each (<i>same acts</i>).....	2,640.00	
	\$2,361,120.00	\$2,335,580.00
Appropriations for 1907..... \$112,860	Estimates for 1908..... \$131,460	
Appropriations for 1908..... 143,200	Estimates for 1909..... 144,300	
Appropriations for 1909..... 144,300	Estimates for 1910..... 60,290	
Appropriations for 1910..... 60,200	Estimates for 1911..... 60,200	
Appropriations for 1911..... 60,200	Estimates for 1912..... 2,318,680	
Appropriations for 1912..... 2,318,680	Estimates for 1913..... 2,230,610	
Appropriations for 1913..... 2,235,760	Estimates for 1914..... 2,212,810	
Appropriations for 1914..... 2,239,560	Estimates for 1915..... 2,305,160	
Appropriations for 1915..... 2,305,160	Estimates for 1916..... 2,335,580	
Appropriations for 1916..... 2,335,580	Estimates for 1917..... 2,301,120	
NOTE.—Apparent increase, \$25,540; actual increase, \$380, as follows:		
<i>Promotions.</i>		
1 forest supervisor, from \$2,600 to \$2,800.....	\$200	
1 map colorist, \$720, to 1 draftsman or map colorist, \$900.....	180	
Actual increase.....	\$380	
<i>Transfers from lump funds of this service, which funds have been correspondingly reduced.</i>		
1 clerk, from general administration.....	\$1,600	
1 clerk, from silvical investigations.....	1,300	
1 clerk, from general administration.....	1,200	
1 clerk, from silvical investigations.....	1,200	
1 clerk, from silvical investigations.....	1,100	
1 clerk or proofreader, from miscellaneous forest investigations.....	1,400	
1 clerk, or translator, from silvical investigations.....	1,400	
1 clerk or compositor, from maintenance and supplies.....	1,600	
1 draftsman or surveyor, from miscellaneous forest investigations.....	1,500	
2 draftsmen or surveyors, at \$1,400 each, from general administration..	2,800	
2 draftsmen, at \$1,200 each, from general administration.....	2,400	
1 draftsman, from miscellaneous forest investigations.....	1,000	
1 draftsman or artist, from miscellaneous forest investigations.....	1,200	
1 draftsman or negative cutter, from miscellaneous forest investigations.	1,200	
1 blue-printer, from miscellaneous forest investigations.....	720	
1 carpenter, from forest products.....	1,200	
1 laboratory aid and engineer, from forest products.....	1,000	
2 laboratory aids and engineers, at \$900 each, from forest products....	1,800	
1 laboratory aid and engineer, from forest products.....	800	
	26,420	
	\$26,800	
<i>Transfers to statutory roll of Secretary's office and statutory roll of this service correspondingly reduced.</i>		
1 clerk.....	\$900	
1 messenger or messenger boy.....	360	
	1,260	
Apparent increase.....	25,540	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<p><i>Salaries, Forest Service—Continued.</i></p> <p align="center"><i>Change of title.</i></p> <p>650 forest rangers, at \$1,100 each, in lieu of 650 assistant forest rangers, at \$1,100 each.</p> <p>4 draftsmen or map colorists, at \$900 each, in lieu of 4 draftsmen, at \$900 each.</p> <p>3 draftsmen or map colorists, at \$900 each, in lieu of 3 map colorists, at \$900 each.</p> <p>1 draftsman or map colorist, at \$900, in lieu of 1 map colorist, at \$720.</p> <p>1 clerk or proofreader, at \$1,400, in lieu of 1 proofreader, at \$1,400, from lump fund.</p> <p>1 clerk or translator, at \$1,400, in lieu of 1 translator, at \$1,400, from lump fund.</p> <p>1 clerk or compositor, at \$1,600, in lieu of 1 compositor, at \$1,600, from lump fund.</p> <p>1 draftsman or surveyor, at \$1,500, in lieu of 1 draftsman, at \$1,500, from lump fund.</p> <p>2 draftsmen or surveyors, at \$1,400 each, in lieu of 2 topographic draftsmen, at \$1,400 each, from lump fund.</p> <p>1 draftsman, at \$1,200, in lieu of 1 topographic draftsman, at \$1,200, from lump fund.</p> <p>1 draftsman or artist, at \$1,200, in lieu of 1 artist, at \$1,200, from lump fund.</p> <p>1 draftsman or negative cutter, at \$1,200, in lieu of 1 negative cutter, at \$1,200, from lump fund.</p> <p>1 laboratory aid and engineer, at \$1,000, in lieu of 1 laboratory assistant, at \$1,000, from lump fund.</p> <p>1 laboratory aid and engineer, at \$800, in lieu of 1 laboratory assistant, at \$800, from lump fund.</p>		
<p><i>General Expenses, Forest Service—</i></p> <p>(91) To enable the Secretary of Agriculture to experiment and to make and continue investigations and report on forestry, national forests, forest fires, and lumbering, but no part of this appropriation shall be used for any experiment or test made outside the jurisdiction of the United States; to advise the owners of woodlands as to the proper care of the same; to investigate and test American timber and timber trees and their uses, and methods for the preservative treatment of timber; to seek, through investigations and the planting of native and foreign species, suitable trees for the treeless regions; to erect necessary buildings: <i>Provided</i>, That the cost of any building erected shall not exceed \$650; to pay all expenses necessary to protect, administer, and improve the national forests; to ascertain the natural conditions upon and utilize the national forests; and the Secretary of Agriculture may, in his discretion, permit timber and other forest products cut or removed from the national forests to be exported from the State or Territory in which said forests are respectively situated; to transport and care for fish and game supplied to stock the national forests or the waters therein; to employ agents, clerks, assistants, and other labor required in practical forestry and in the administration of national forests in the city of Washington and elsewhere; to collate, digest, report, and illustrate the results of experiments and investigations made by the Forest Service; to purchase necessary supplies, apparatus, and office fixtures, and technical books and technical journals for officers of the Forest Service stationed outside of Washington, and for medical supplies and services and other assistance necessary for immediate relief of artisans, laborers, and other employees engaged in any hazardous work under the Forest Service; to pay freight, express, telephone, and telegraph charges; for electric light and power, fuel, gas, ice, washing towels, and official traveling and other necessary expenses, including traveling expenses for legal and fiscal officers while performing Forest Service work; and for rent outside of the District of Columbia, as follows:</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Forest Service—Continued.</i>		
(92) For salaries and field and station expenses, including the maintenance of nurseries, collecting seed, and planting necessary for the use, maintenance, improvement, and protection of the national forests named below (<i>act Mar. 4, 1915, vol. 38, pp. 1095-1101, sec. 1</i>):		
<p>NOTE.—In order to effect necessary changes in the protective and administrative organization on the national forests to meet more effectively the needs of fire protection and the fluctuation in the volume of business transactions on the different forests, it has been found necessary to recommend changes in the amounts specifically appropriated for 104 of the 155 national forests mentioned below. The protective organization on the individual forests consists of permanent or year-long employees provided on the statutory roll, together with the short-term guards and other protective forces employed during the fire season, who are paid from the lump-fund appropriations for the individual national forests. These forces are organized on the basis of average normal fire conditions and the volume of current business to be transacted. The fluctuations in the volume of business arise from differences in the amounts of timber sold, the number of stock grazed, the occupancy and other miscellaneous uses of the forest land, the number of applications for tracts of land for agricultural settlement under the act of June 11, 1906, etc. As experience accumulates, readjustments in these organizations become necessary, which may involve changes in the distribution of the statutory force as well as in the expenditures from the lump-fund appropriations for the individual forests. These readjustments between forests must be made from year to year but do not necessarily affect the aggregate of statutory-salary and lump-fund appropriations. With the changes herein recommended the amounts specifically appropriated for the several forests aggregate \$1,308,278 as compared with \$1,312,778 for the current fiscal year, being an apparent decrease of \$4,500, which amount is offset by a corresponding increase in the item for general administration.</p>		
(93) Absaroka National Forest, Mont.	\$7,425.00	
(94) Alamo National Forest, N. Mex. [\$3,578]	4,222.00	
(95) Angeles National Forest, Cal. [\$12,518]	9,510.00	
(96) Apache National Forest, Ariz. [\$9,967]	9,279.00	
(97) Arapahoe National Forest, Colo. [\$6,693]	5,736.00	
(98) Arkansas National Forest, Ark.	11,930.00	
(99) Ashley National Forest, Utah and Wyo. [\$2,996] ...	3,865.00	
(100) Battlement National Forest, Colo.	4,916.00	
(101) Beartooth National Forest, Mont. [\$3,849]	5,060.00	
(102) Beaverhead National Forest, Mont. and Idaho [\$7,169]	7,800.00	
(103) Bighorn National Forest, Wyo. [\$7,929]	5,399.00	
(104) Bitterroot National Forest, Mont.	12,919.00	
(105) Blackfeet National Forest, Mont. [\$14,591]	12,369.00	
(106) Black Hills National Forest, S. Dak. [\$11,768]	12,668.00	
(107) Boise National Forest, Idaho [\$6,676]	5,247.00	
[\$Bonneville National Forest, Wyo., \$6,755;]		
<p>NOTE.—This forest has been consolidated with the Bridger and Washakie National Forests.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Forest Service—Continued.</i>		
(108) Bridger National Forest, Wyo. 【\$1,988】 -----	\$2, 779. 00	
(109) Cabinet National Forest, Mont.-----	8, 333. 00	
(110) Cache National Forest, Utah and Idaho 【\$4,267】 ----	4, 749. 00	
(111) California National Forest, Cal.-----	18, 114. 00	
(112) Caribou National Forest, Idaho and Wyo. 【\$4,020】 --	4, 300. 00	
(113) Carson National Forest, N. Mex. 【\$7,228】 -----	7, 834. 00	
(114) Cascade National Forest, Oreg. 【\$9,968】 -----	7, 835. 00	
(115) Challis National Forest, Idaho-----	3, 668. 00	
(116) Chelan National Forest, Wash-----	6, 260. 00	
(117) Chiricahau National Forest, Ariz. and N. Mex. 【\$3,085】 .	2, 558. 00	
(118) Chugach National Forest, Alaska-----	9, 418. 00	
(119) Clearwater National Forest, Idaho-----	12, 665. 00	
(120) Cleveland National Forest, Cal-----	9, 633. 00	
(121) Cochetopa National Forest, Colo. 【\$5,432】 -----	5, 931. 00	
(122) Coconino National Forest, Ariz. 【\$10,501】 -----	12, 107. 00	
(123) Coeur d'Alene National Forest, Idaho-----	24, 459. 00	
(124) Colorado National Forest, Colo. 【\$5,102】 -----	5, 929. 00	
(125) Columbia National Forest, Wash-----	8, 758. 00	
(126) Colville National Forest, Wash-----	6, 883. 00	
(127) Coronado National Forest, Ariz. 【\$5,905】 -----	6, 486. 00	
(128) Crater National Forest, Oreg. and Cal. 【\$15,610】 ----	14, 893. 00	
(129) Crook National Forest, Ariz. 【\$4,726】 -----	3, 735. 00	
(130) Custer National Forest, Mont. 【\$4,200】 -----	2, 830. 00	
(131) Dakota National Forest, N. Dak.-----	201. 00	
(132) Datil National Forest, N. Mex. 【\$10,179】 -----	13, 229. 00	
(133) Deerlodge National Forest, Mont. 【\$12,591】 -----	15, 040. 00	
(134) Deschutes National Forest, Oreg. 【\$8,809】 -----	8, 259. 00	
(135) Dixie National Forest, Utah and Ariz-----	1, 596. 00	
(136) Durango National Forest, Colo-----	6, 873. 00	
(137) Eldorado National Forest, Cal. and Nev. 【\$10,417】 --	13, 238. 00	
(138) Fillmore National Forest, Utah-----	3, 374. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Forest Service—Continued.</i>		
(139) Fishlake National Forest, Utah [\$5,699]	\$4, 060. 00	
(140) Flathead National Forest, Mont. [\$19,563]	22, 000. 00	
(141) Florida National Forest, Fla.....	4, 927. 00	
(142) Fremont National Forest, Oreg.....	7, 985. 00	
(143) Gallatin National Forest, Mont. [\$5,694]	4, 810. 00	
(144) Gila National Forest, N. Mex. [\$11,598]	10, 175. 00	
(145) Gunnison National Forest, Colo. [\$4,336]	5, 371. 00	
(146) Harney National Forest, S. Dak. [\$7,810]	7, 435. 00	
(147) Hayden National Forest, Wyo. and Colo. [\$6,863] ---	7, 358. 00	
(148) Helena National Forest, Mont.....	4, 012. 00	
(149) Holy Cross National Forest, Colo.....	6, 394. 00	
(150) Humboldt National Forest, Nev. [\$2,542]	3, 509. 00	
(151) Idaho National Forest, Idaho [\$6,379]	7, 450. 00	
(152) Inyo National Forest, Cal. and Nev.....	3, 076. 00	
(153) Jefferson National Forest, Mont. [\$9,481]	8, 469. 00	
(154) Kaibab National Forest, Ariz. [\$2,889]	4, 288. 00	
(155) Kaniksu National Forest, Idaho and Wash.....	19, 146. 00	
[\$Kansas National Forest, Kans., \$1,432;]		
(156) Klamath National Forest, Cal. [\$20,981]	23, 076. 00	
(157) Kootenai National Forest, Mont.....	16, 861. 00	
(158) La Sal National Forest, Utah and Colo. [\$3,348] ----	2, 754. 00	
(159) Lassen National Forest, Cal. [\$12,629]	15, 381. 00	
(160) Leadville National Forest, Colo.....	5, 524. 00	
(161) Lemhi National Forest, Idaho [\$4,671]	2, 490. 00	
(162) Lewis and Clark National Forest, Mont. [\$6,899] ----	5, 700. 00	
(163) Lincoln National Forest, N. Mex.....	3, 845. 00	
(164) Lolo National Forest, Mont. [\$17,822]	16, 638. 00	
(165) Luquillo National Forest, P. R.....	2, 500. 00	
(166) Madison National Forest, Mont. [\$6,275]	3, 930. 00	
(167) Malheur National Forest, Oreg.....	7, 591. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Forest Service—Continued.</i>		
(168) Manti National Forest, Utah [\$6,766] -----	\$4, 890. 00	
(169) Manzano National Forest, N. Mex.-----	4, 230. 00	
(170) Medicine Bow National Forest, Wyo. [\$4,314] -----	7, 944. 00	
(171) Michigan National Forest, Mich.-----	3, 081. 00	
(172) Minam National Forest, Oreg. [\$5,797] -----	6, 476. 00	
(173) Minidoka National Forest, Idaho and Utah-----	3, 384. 00	
(174) Minnesota National Forest, Minn. [\$4,859] -----	2, 970. 00	
(175) Missoula National Forest, Mont. [\$9,482] -----	8, 380. 00	
(176) Modoc National Forest, Cal.-----	7, 388. 00	
(177) Mono National Forest, Nev. and Cal. [\$1,385] -----	2, 847. 00	
(178) Monterey National Forest, Cal. [\$2,251] -----	3, 050. 00	
(179) Montezuma National Forest, Colo. [\$5,012] -----	4, 670. 00	
(180) Nebraska National Forest, Nebr. [\$5,897] , \$2,365 ; and to extend the work to the Niobrara division thereof, \$5,000: <i>Provided</i> , That from the nurseries on said forest the Secretary of Agriculture, under such rules and regulations as he may prescribe, may furnish young trees free, so far as they may be spared, to residents of the territory covered by "An act increasing the area of homesteads in a portion of Nebraska," approved Apr. 28, 1904 [\$10,897] -----	7, 365. 00	
(181) Nevada National Forest, Nev. [\$4,715] -----	3, 244. 00	
(182) Nez Perce National Forest, Idaho [\$11,214] -----	10, 120. 00	
(183) Ochoco National Forest, Oreg. [\$6,706] -----	6, 451. 00	
(184) Okanogan National Forest, Wash.-----	9, 994. 00	
(185) Olympic National Forest, Wash. [\$17,178] -----	16, 598. 00	
(186) Oregon National Forest, Oreg. [\$12,963] -----	12, 560. 00	
(187) Ozark National Forest, Ark.-----	9, 030. 00	
(188) Palisade National Forest, Idaho and Wyo. [\$5,472] -----	4, 235. 00	
(189) Payette National Forest, Idaho [\$10,833] -----	10, 537. 00	
(190) Pend Oreille National Forest, Idaho [\$14,459] -----	10, 320. 00	
(191) Pike National Forest, Colo. [\$11,714] -----	10, 165. 00	
(192) Plumas National Forest, Cal. [\$18,107] -----	20, 594. 00	
(193) Powell National Forest, Utah [\$1,854] -----	1, 010. 00	
(194) Prescott National Forest, Ariz. [\$5,758] -----	6, 255. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Forest Service—Continued.</i>		
(195) Rainier National Forest, Wash	\$12, 035. 00	
(196) Rio Grande National Forest, Colo. 【\$6,301】	7, 157. 00	
(197) Routt National Forest, Colo. 【\$7,687】	6, 585. 00	
(198) Ruby National Forest, Nev. 【\$2,951】	2, 570. 00	
(199) Saint Joe National Forest, Idaho 【\$18,876】	16, 700. 00	
(200) Salmon National Forest, Idaho 【\$5,694】	7, 784. 00	
(201) San Isabel National Forest, Colo	3, 924. 00	
(202) San Juan National Forest, Colo. 【\$5,962】	5, 534. 00	
(203) Santa Barbara National Forest, Cal. 【\$13,637】	9, 774. 00	
(204) Santa Fe National Forest, N. Mex. 【\$12,757】	14, 673. 00	
(205) Santa Rosa National Forest, Nev	1, 643. 00	
(206) Santiam National Forest, Oreg. 【\$9,703】	9, 052. 00	
(207) Sawtooth National Forest, Idaho 【\$4,504】	4, 953. 00	
(208) Selway National Forest, Idaho	12, 659. 00	
(209) Sequoia National Forest, Cal. 【\$21,710】	17, 366. 00	
(210) Sevier National Forest, Utah 【\$2,578】	1, 496. 00	
(211) Shasta National Forest, Cal	17, 425. 00	
(212) Shoshone National Forest, Wyo	4, 200. 00	
(213) Sierra National Forest, Cal. 【\$19,163】	15, 750. 00	
(214) Sioux National Forest, S. Dak. and Mont. 【\$3,773】 ..	2, 640. 00	
(215) Siskiyou National Forest, Oreg. and Cal. 【\$11,268】 ..	10, 660. 00	
(216) Sitgreaves National Forest, Ariz	6, 941. 00	
(217) Siuslaw National Forest, Oreg. 【\$6,646】	6, 042. 00	
(218) Snoqualmie National Forest, Wash. 【\$11,946】	14, 416. 00	
(219) Sopris National Forest, Colo. 【\$6,614】	7, 911. 00	
(220) Stanislaus National Forest, Cal	17, 822. 00	
(221) Superior National Forest, Minn. 【\$7,122】	8, 054. 00	
(222) Tahoe National Forest, Cal. and Nev. 【\$13,428】	17, 537. 00	
(223) Targhee National Forest, Idaho and Wyo	5, 956. 00	
(224) Teton National Forest, Wyo	4, 033. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Forest Service—Continued.</i>		
(225) Toiyabe National Forest, Nev. 【\$5,354】	\$3, 694. 00	
(226) Tongass National Forest, Alaska 【\$11,629】	13, 724. 00	
(227) Tonto National Forest, Ariz. 【\$4,772】	4, 525. 00	
(228) Trinity National Forest, Cal. 【\$16,881】	20, 484. 00	
(229) Tusayan National Forest, Ariz. 【\$9,865】	9, 541. 00	
(230) Uinta National Forest, Utah 【\$2,248】	6, 327. 00	
(231) Umatilla National Forest, Oreg.....	5, 162. 00	
(232) Umpqua National Forest, Oreg.....	10, 309. 00	
(233) Uncompahgre National Forest, Colo.....	6, 690. 00	
(234) Wallowa National Forest, Oreg. 【\$7,437】	8, 217. 00	
(235) Wasatch National Forest, Utah 【\$5,050】	5, 585. 00	
(236) Washakie National Forest, Wyo. 【\$2,096】	11, 725. 00	
(237) Washington National Forest, Wash. 【\$7,909】	7, 642. 00	
(238) Weiser National Forest, Idaho 【\$8,526】	9, 708. 00	
(239) Wenaha National Forest, Wash. and Oreg.....	5, 420. 00	
(240) Wenatchee National Forest, Wash. 【\$8,858】	10, 384. 00	
(241) White River National Forest, Colo.....	7, 172. 00	
(242) Whitman National Forest, Oreg. 【\$8,749】	9, 667. 00	
(243) Wichita National Forest, Okla. 【\$1,966】	2, 416. 00	
(244) Wyoming National Forest, Wyo. 【\$7,170】	4, 739. 00	
(245) Additional national forests created or to be created under sec. 11 of the act of Mar. 1, 1911 (36 Stat., p. 963), and lands under contract for purchase or for the acquisition of which condemnation proceedings have been instituted for the purposes of said act.....	67, 000. 00	
(246) For necessary miscellaneous expenses incident to the general administration of the Forest Service and of the national forests specified above (<i>same act</i>):		
(247) In National Forest District One.....	64, 100. 00	
(248) In National Forest District Two 【\$49,800】	48, 400. 00	
(249) In National Forest District Three 【\$56,400】	55, 200. 00	
(250) In National Forest District Four.....	50, 400. 00	
(251) In National Forest District Five 【\$72,500】	70, 100. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Forest Service—Continued.</i>		
(252) In National Forest District Six [\$60,700] -----	\$61,400. 00	
(253) In National Forest District Seven [\$12,500] -----	14,900. 00	
(254) In the District of Columbia [\$131,970] -----	127,730. 00	
<p>NOTE.—There is an apparent decrease in the item for miscellaneous expenses incident to the general administration of the national forests of \$6,140, but, taking into consideration the transfer to the statutory roll of this service of 1 clerk at \$1,600, 1 clerk at \$1,200, 2 topographic draftsmen at \$1,400 each, 1 topographic draftsman at \$1,200, and 1 draftsman at \$1,200, involving \$8,000, and the transfer to the statutory roll of the Secretary's office of 1 clerk at \$1,200, 1 laborer at \$720, and 1 tinner's helper at \$720, involving \$2,640, the actual increase is \$4,500. It is proposed to use this amount to provide for the salaries of one inspector and one assistant district forester, additional supervisory assistance being necessary in order to secure increased efficiency in the administration of the national forests. This change, however, will not result in any increase in the total of the lump-fund appropriation recommended as compared with the amount appropriated for the current fiscal year, since a corresponding decrease is proposed in the item for national forests.</p>		
(255) In all, for the use, maintenance, improvement, protection, and general administration of the specified national forests [\$1,811,148] , \$1,800,508: <i>Provided</i> , That the foregoing amounts appropriated for such purposes shall be available interchangeably in the discretion of the Secretary of Agriculture for the necessary expenditures for fire protection and other unforeseen exigencies: <i>Provided further</i> , That the amounts so interchanged shall not exceed in the aggregate 10 per centum of all the amounts so appropriated (<i>act Mar. 4, 1915, vol. 38, pp. 1095-1101, sec. 1</i>)-----	\$1,800,508.00	
<p>NOTE.—There is an apparent decrease of \$10,640 in the total appropriation for the use, maintenance, improvement, protection, and general administration of the national forests, due to the transfer of six employees to the statutory roll of this service, involving \$8,000, and the transfer of three employees to the statutory roll of the Secretary's office, involving \$2,640, as explained in the two preceding notes.</p>		
(256) For the selection, classification, and segregation of lands within the boundaries of national forests that may be opened to homestead settlement and entry under the homestead laws applicable to the national forests (<i>same act</i>)-----	100,000. 00	
(257) For the survey and platting of certain lands, chiefly valuable for agriculture, now listed or to be listed within the national forests, under the act of June 11, 1906 (34 Stat., p. 233), and the act of Mar. 3, 1899 (30 Stat., p. 1095), as provided by the act of Mar. 4, 1913, \$85,000: <i>Provided</i> , That any unexpended balance of an appropriation of \$85,000 to be expended "for the survey and platting of certain lands, chiefly valuable for agriculture," and so forth, provided by the act of June 30 <i>Mar. 4</i> 1914 , 1915, entitled "An act making appropriations for the Department of Agriculture for the fiscal year ending June 30 1915 , 1916," be, and the same is hereby, continued and made available for and during the fiscal year ending June 30 1916 , 1917, for the purpose of this appropriation (<i>same act</i>)-----	85,000. 00	
<p>NOTE.—The purpose of these changes is to make available for expenditure during 1917 any unexpended balance from the appropriation for 1916 for the survey and platting of certain lands chiefly valuable for agriculture, now listed or to be listed within the national forests, under the act of June 11, 1906. The surveys which are begun in May or June ordinarily are not completed by July 1, and, in view of the difficulties experienced in paying the expenses of such surveys from two appropriations, it is desirable to continue the availability of the small unexpended balances until the projects are completed.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Forest Service—Continued.</i>		
(258) For fighting and preventing forest fires and for other unforeseen emergencies (<i>Act Mar. 4, 1915, vol. 38, pp. 1095-1101, sec. 1</i>)...\$150,000.00		
(259) For the purchase and maintenance of necessary field, office, and laboratory supplies, instruments, and equipments [\$152,000] (<i>same act</i>).....150,400.00		
NOTE.—There is an apparent decrease in the above item of \$1,600, due to the transfer of one compositor at \$1,600 to the statutory roll.		
(260) For investigations of methods for wood distillation and for the preservative treatment of timber, for timber testing, and the testing of such woods as may require test to ascertain if they be suitable for making paper, for investigations and tests within the United States of foreign woods of commercial importance to industries in the United States, and for other investigations and experiments to promote economy in the use of forest products [\$140,000] (<i>same act</i>).....135,200.00		
NOTE.—There is an apparent decrease in the above item of \$4,800, due to the transfer of 1 carpenter at \$1,200, 1 laboratory assistant at \$1,000, 2 laboratory aids and engineers at \$900 each, and 1 laboratory assistant at \$800 to the statutory roll.		
(261) For experiments and investigations of range conditions within national forests or elsewhere on the public range, and of methods for improving the range by reseeding, regulation of grazing, and other means (<i>same act</i>).....30,000.00		
(262) For the purchase of tree seed, cones, and nursery stock, for seeding and tree planting within national forests, and for experiments and investigations necessary for such seeding and tree planting (<i>same act</i>).....165,640.00		
(263) For silvicultural, dendrological, and other experiments and investigations independently or in cooperation with other branches of the Federal Government, with States and with individuals, to determine the best methods for the conservative management of forests and forest lands [\$83,728] (<i>same act</i>).....78,728.00		
NOTE.—There is an apparent decrease in the above item of \$5,000, due to the transfer of one clerk at \$1,300, one clerk at \$1,200, one clerk at \$1,100, and one translator at \$1,400 to the statutory roll.		
(264) For estimating and appraising timber and other resources on the national forests preliminary to disposal by sale or to the issue of occupancy permits, and for emergency expenses incident to their sale or use (<i>same act</i>).....60,000.00		
(265) For other miscellaneous forest investigations, and for collating, digesting, recording, illustrating, and distributing the results of the experiments and investigations herein provided for [\$40,160] (<i>same act</i>).....33,140.00		
NOTE.—There is an apparent decrease in the above subappropriation of \$7,020, due to the transfer of one proof reader at \$1,400, one draftsman at \$1,500, one draftsman at \$1,000, one artist at \$1,200, one negative cutter at \$1,200, and one blue-printer at \$720 to the statutory roll.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Forest Service—Continued.</i>		
(266) For the construction and maintenance of roads, trails, bridges, fire lanes, telephone lines, cabins, fences, and other improvements necessary for the proper and economical administration, protection, and development of the national forests, \$400,000: <i>Provided</i> , That no part of the money herein appropriated shall be used to pay the transportation or traveling expenses of any forest officer or agent except he be traveling on business directly connected with the Forest Service and in furtherance of the works, aims, and objects specified and authorized in and by this appropriation: <i>And provided also</i> , That no part of this appropriation shall be paid or used for the purpose of paying for, in whole or in part, the preparation or publication of any newspaper or magazine article, but this shall not prevent the giving out to all persons without discrimination, including newspaper and magazine writers and publishers, of any facts or official information of value to the public (<i>act Mar. 4, 1915, vol. 38, pp. 1095-1101, sec. 1</i>) -----	\$400, 000. 00	
In all, for general expenses -----	\$3,188,616.00	\$3,217,676.00
Appropriations for 1907..... ¹ \$887, 140 Appropriations for 1908..... ² 2, 256, 800 Appropriations for 1909..... ² 3, 751, 900 Appropriations for 1910..... ² 4, 586, 000 Sundry civil act..... 30, 000 Appropriations for 1911..... ² 4, 917, 960 Deficiency act..... 900, 000 Appropriations for 1912..... ² 3, 214, 420 Appropriations for 1913..... 3, 107, 285 Appropriations for 1914..... 3, 160, 119 Appropriations for 1915..... 3, 213, 096 Deficiency act..... 319, 213 Appropriations for 1916..... 3, 217, 676	Estimates for 1908..... ¹ \$770, 060 Estimates for 1909..... ³ 3, 051, 900 Estimates for 1910..... ⁴ 5, 931, 300 Estimates for 1911..... ⁴ 4, 983, 500 Estimates for 1912..... 3, 189, 420 Estimates for 1913..... 3, 208, 005 Estimates for 1914..... 3, 198, 939 Estimates for 1915..... 3, 238, 096 Estimates for 1916..... 3, 212, 676 Estimates for 1917..... 3, 188, 616	
¹ "Improvement of the National Forests" provided for from receipts from national forests. ² Includes amount appropriated separately for "Improvement of the National Forests." ³ In addition, an estimated balance of about \$1,000,000 from receipts prior to July 1, 1907, was available for administration and improvement of the national forests. (See estimates of appropriations for the fiscal year 1909, p. 548.) ⁴ Includes amount estimated for separately for "Improvement of the National Forests."		
(267) To enable the Secretary of Agriculture more effectively to carry out the provisions of the act of Mar. 1, 1911 (36 Stat., p. 961), entitled "An act to enable any State to cooperate with any other State or States, or with the United States, for the protection of watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," \$15,000 of the moneys appropriated therein shall be available for the employment of agents, clerks, assistants, and other labor and for the purchase of supplies and equipment required for the purpose of said act in the city of Washington (<i>same act</i>).		
[That hereafter the Secretary of Agriculture, under regulations to be prescribed by him, is hereby authorized to permit the Navy Department to take from the national forests such earth, stone, and timber for the use of the Navy as may be compatible with the administration of the national forests for the purposes for which they are established, and also in the same manner to permit the taking of earth, stone, and timber from the national forests for the construction of Government railways and other Government works in Alaska: <i>Provided</i> , That the Secretary of Agriculture shall submit with his annual estimates a report of the quantity and market value of earth, stone, and timber furnished as herein provided.]		
NOTE.—The above paragraph is omitted as it is continuing legislation. As required by the proviso under this paragraph, the Secretary of Agriculture reports that no materials have been obtained from the national forests by the Navy Department but that the Alaska Engineering Commission took from the Chugach National Forest in Alaska 1,000,000 feet of timber valued at \$1,000 during the fiscal year ended June 30, 1915.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.				
<i>General Expenses, Forest Service—Continued.</i>						
<p>(268) <i>That hereafter deposits may be received from timber purchasers in such sums as the Secretary of Agriculture may require to cover the cost to the United States of disposing of brush and other debris resulting from cutting operations in sales of national forest timber; such deposits shall be covered into the Treasury and shall constitute a special fund, which is hereby appropriated and made available until expended, as the Secretary of Agriculture may direct, to pay the cost of such work and to make refunds to the depositors of amounts deposited by them in excess of such cost.</i></p> <p>NOTE.—This amendment provides for the receipt and disbursement by the Government of funds to be deposited by purchasers of timber from national forests to defray the expenses connected with the burning of brush and debris resulting from timber operations. As a measure of fire protection timber-sale contracts for national forest timber require that the brush and debris shall be burned. The contracts stipulate a maximum expenditure for which the operators are liable under this requirement. These expenses are now met directly by the operators. It has not always been practicable, however, for operators to burn the brush and debris at the most opportune time on account of the lack of men or the necessity of employing all their available men on other major features of their operations. It is intended by this amendment to have the required sums now specified in timber-sale contracts placed by the operators in a United States depository, with which sums the Forest Service can, at safe and opportune times, directly defray the expenses of brush and debris disposal on timber-sale areas to which the deposits are applicable.</p> <p>That hereafter the Secretary of Agriculture may, upon such terms as he may deem proper, for periods not exceeding 30 years, permit responsible persons or associations to use and occupy suitable spaces or portions of ground in the national forests for the construction of summer homes, hotels, stores, or other structures needed for recreation or public convenience, not exceeding 5 acres to any one person or association, but this shall not be construed to interfere with the right to enter homesteads upon agricultural lands in national forests as now provided by law.</p> <p>NOTE.—The above paragraph is omitted as it is continuing legislation.</p> <p><i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i></p> <table><tr><th>National forests, 1917, \$1,303,278.</th><th>National forests, 1915, \$1,415,448.92.</th></tr><tr><td>Salaries..... \$857,358.00 As follows: Out of Washington— 2 forest examiners, at \$1,800 each. 5 forest examiners, at \$1,700 each. 7 forest examiners, at \$1,600 each. 1 forest examiner, \$1,600 (4½ months). 10 forest examiners, at \$1,500 each. 19 forest examiners, at \$1,500 each (6 to 10 months). 2 forest examiners, at \$1,450 each. 29 forest examiners, at \$1,400 each. 2 forest examiners, at \$1,400 each (2 and 3 months). 9 forest examiners, at \$1,300 each. 2 forest examiners, at \$1,300 each (6 months). 1 forest assistant, \$1,400. 1 forest assistant, \$1,200. 33 forest assistants, at \$1,100 each. 11 forest assistants, at \$1,100 each (2 to 10 months).</td><td>Salaries..... \$711,811.00 As follows: In Washington— 1 national forest examiner, \$1,600 (10 months). 1 forest examiner, \$1,500 (10 months). 1 forest examiner, \$1,400 (2 months). 2 clerks, at \$1,200 each (7 months). 1 assistant xylogonomist, \$1,000 (4 months). Out of Washington— 1 national forest examiner, \$1,900 (6 months). 1 national forest examiner, \$1,600. 1 national forest examiner, \$1,500. 1 national forest examiner, \$1,300 (6 months). 1 forest examiner, \$2,000 (2 months). 1 forest examiner, \$1,800. 5 forest examiners, at \$1,800 each (7 months). 2 forest examiners, at \$1,700 each. 2 forest examiners, at \$1,700 each (6 months). 10 forest examiners, at \$1,600 each. 4 forest examiners, at \$1,600 each (6 months). 10 forest examiners, at \$1,500 each. 12 forest examiners, at \$1,500 each (6½ months).</td></tr></table>	National forests, 1917, \$1,303,278.	National forests, 1915, \$1,415,448.92.	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Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
General Expenses, Forest Service—Continued.		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
National forests, 1917, \$1,308,278.	National forests, 1915, \$1,415,448.92.	
<p>Out of Washington—Continued.</p> <p>1 scaler, \$1,500.</p> <p>3 scalers, at \$1,400 each.</p> <p>2 scalers, at \$1,300 each.</p> <p>22 scalers, at \$1,200 each (5 months).</p> <p>2 scalers, at \$1,100 each.</p> <p>1 scaler, \$1,080.</p> <p>4 scalers, at \$1,080 each (10 months).</p> <p>1 scaler, \$1,020 (9 months).</p> <p>3 scalers, at \$900 each.</p> <p>14 scalers, at \$900 to \$1,200 each (2 months).</p> <p>1 scaler, \$600 (6 months).</p> <p>9 forest clerks, at \$1,200 each (temporary).</p> <p>2 forest clerks, at \$1,100 each (temporary).</p> <p>2 clerks, at \$1,200 each (3 months).</p> <p>1 clerk, \$1,020 (temporary).</p> <p>38 clerks, at \$900 each (1 to 8 months).</p> <p>13 clerks, at \$120 to \$840 each (6 to 10 months).</p> <p>5 forest rangers, at \$1,200 each (3 months).</p> <p>72 assistant forest rangers, at \$1,100 each (1 to 6½ months).</p> <p>938 forest guards or patrolmen, at \$120 to \$1,100 each (2 to 12 months).</p> <p>14 forest guards, at \$12 per annum each (3 months).</p> <p>1 field assistant, \$1,200 (8 months).</p> <p>1 pilot and gas engineer, \$1,500.</p> <p>1 surveyor and engineer, \$4 per diem (1 month).</p> <p>1 gas engineer, \$1,080.</p> <p>24 janitors, at \$15 to \$216 per annum each (temporary).</p> <p>30 telephone operators, at \$60 to \$480 each (2 to 12 months).</p> <p>1,609 laborers or guards, at \$1.50 to \$4 per diem each (10 days to 12 months).</p>	<p>Out of Washington—Continued.</p> <p>27 forest examiners, at \$1,400 each.</p> <p>18 forest examiners, at \$1,400 each (6½ months).</p> <p>8 forest examiners, at \$1,300 each.</p> <p>10 forest examiners, at \$1,300 each (2½ months).</p> <p>2 forest supervisors, at \$1,800 each (1 month).</p> <p>1 lumberman, \$2,200 (2 months).</p> <p>1 lumberman, \$2,000 (½ month).</p> <p>1 scaler, \$1,600 (2½ months).</p> <p>1 scaler, \$1,500.</p> <p>2 scalers, at \$1,400 each.</p> <p>1 scaler, \$1,300.</p> <p>2 scalers, at \$1,300 each (5 months).</p> <p>1 scaler, \$1,200.</p> <p>5 scalers, at \$1,200 each (4½ months).</p> <p>6 scalers, at \$1,140 each (4½ months).</p> <p>2 scalers, at \$1,100 each (1½ months).</p> <p>2 scalers, at \$1,080 each (2 months).</p> <p>1 scaler, \$1,060 (5 months).</p> <p>2 scalers, at \$1,020 each (2½ months).</p> <p>1 scaler, \$1,000 (3 months).</p> <p>5 scalers, at \$900 each (4 months).</p> <p>1 scaler, \$810 (1½ months).</p> <p>1 scaler, \$300 (10 months).</p> <p>1 surveyor, \$1,500 (2 months).</p> <p>1 surveyor draftsman, \$1,500 (8 months).</p> <p>1 surveyor draftsman, \$1,400 (4 months).</p> <p>1 draftsman, \$1,200 (4 months).</p> <p>2 timber cruisers, at \$1,500 each (1½ months).</p> <p>1 timber cruiser, \$1,400.</p> <p>1 timber cruiser, \$1,200 (¾ month).</p> <p>1 forest assistant, \$1,500 (2 months).</p> <p>1 forest assistant, \$1,200.</p> <p>4 forest assistants, at \$1,200 each (2½ months).</p> <p>15 forest assistants, at \$1,100 each.</p> <p>44 forest assistants, at \$1,100 each (6 months).</p> <p>3 forest assistants, at \$1,000 each (2½ months).</p> <p>2 forest assistants, at \$2,000 each.</p> <p>1 forest assistant, \$1,200 (10 months).</p> <p>1 field assistant, \$1,200 (1 month).</p> <p>30 field assistants, at \$900 each (1½ months).</p> <p>1 field assistant, \$780 (2 days).</p> <p>29 field assistants, at \$720 each (2 months).</p> <p>34 field assistants, at \$600 each (2½ months).</p> <p>1 claim examiner, \$1,700 (11 months).</p> <p>1 clerk, \$1,500 (1 month).</p> <p>1 clerk, \$1,400.</p> <p>9 clerks, at \$1,200 each.</p> <p>21 clerks, at \$1,200 each (4 months).</p> <p>4 clerks, at \$1,100 each.</p> <p>11 clerks, at \$1,100 each (5½ months).</p> <p>1 clerk, \$1,020 (10 months).</p> <p>2 clerks, at \$1,000 each (4½ months).</p> <p>1 clerk, \$900.</p> <p>46 clerks, at \$900 each (3½ months).</p> <p>1 clerk, \$840 (3 months).</p> <p>2 clerks, at \$780 each (¾ month).</p> <p>4 clerks, at \$720 each (3½ months).</p> <p>1 clerk, \$600 (1½ months).</p> <p>3 clerks, at \$300 each (3½ months).</p> <p>1 clerk, \$180 (10 months).</p> <p>2 clerks, at \$2 per diem each (6 months).</p> <p>5 clerks, at 25 cents to 50 cents per hour each (72 hours).</p> <p>2 forest rangers, at \$1,500 each.</p> <p>1 forest ranger, \$1,500 (6 months).</p> <p>10 forest rangers, at \$1,200 each (4 months).</p> <p>2 assistant forest rangers, at \$1,500 each (3 months).</p> <p>5 assistant forest rangers, at \$1,200 each (4 months).</p> <p>248 assistant forest rangers, at \$1,100 each (3½ months).</p> <p>1 assistant forest ranger, \$900 (9 months).</p> <p>1 assistant forest ranger, \$12 (5 months).</p> <p>14 forest guards, at \$1,200 each (3½ months).</p> <p>29 forest guards, at \$1,100 each (2½ months).</p> <p>5 forest guards, at \$1,080 each (2½ months).</p> <p>23 forest guards, at \$1,020 each (2 months).</p> <p>50 forest guards, at \$1,000 each (2½ months).</p> <p>55 forest guards, at \$960 each (2 months).</p> <p>1,374 forest guards, at \$900 each (2½ months).</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
General Expenses, Forest Service—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 16 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
National forests, 1917, \$1,308,278.		National forests, 1915, \$1,415,448.92.	
		Out of Washington—Continued.	
		6 forest guards, at \$840 each (2½ months).	
		1 forest guard, \$800 (2 months).	
		43 forest guards, at \$780 each (2½ months).	
		88 forest guards, at \$720 each (2½ months).	
		1 forest guard, \$660 (2 months).	
		25 forest guards, at \$600 each (4½ months).	
		4 forest guards, at \$540 each (2 months).	
		8 forest guards, at \$480 each (3½ months).	
		4 forest guards, at \$450 each (2 months).	
		4 forest guards, at \$420 each (2½ months).	
		5 forest guards, at \$360 each (3 months).	
		3 forest guards, at \$300 each (1½ months).	
		3 forest guards, at \$240 each (3 months).	
		1 forest guard, \$100 (4 months).	
		1 forest guard, \$60 (7 months).	
		2 forest guards, at \$12 each.	
		70 forest guards, at \$12 each (2 months).	
		43 forest guards, at \$1 to \$3.60 per diem each (20 days).	
		3 forest guards, at 35 cents per hour each (120 hours).	
		1 agent, \$3 per diem (8 days).	
		1 pilot and gas engineer, \$1,500.	
		1 gas engineer, \$1,020.	
		1 telephone operator, \$600 (2 months).	
		2 telephone operators, at \$480 each (3½ months).	
		2 telephone operators, at \$360 each (3 months).	
		7 telephone operators, at \$300 each (3½ months).	
		11 telephone operators, at \$240 each (3½ months).	
		1 telephone operator, \$180.	
		3 telephone operators, at \$180 each (2½ months).	
		1 telephone operator, \$120.	
		6 telephone operators, at \$120 each (3½ months).	
		1 telephone operator, \$90 (5 months).	
		2 telephone operators, at \$60 each (8 months).	
		1 telephone operator, \$24 (6 months).	
		1 telephone operator, \$2.50 per diem (14 days).	
		3 unskilled laborers, at \$900 each (5 months).	
		1 unskilled laborer, \$720 (2 months).	
		2 unskilled laborers, at \$600 each.	
		8 unskilled laborers, at \$600 each (6½ months).	
		2 unskilled laborers, at \$480 each (2½ months).	
		5 unskilled laborers, at \$180 each (10 months).	
		2 unskilled laborers, at \$120 each.	
		2 unskilled laborers, at \$96 each (2 months).	
		1 janitor, \$180.	
		2 janitors, at \$180 each (6 months).	
		1 janitor, \$84 (8 months).	
		1 charwoman, \$180 (4 months).	
		1 charwoman, \$120 (4 months).	
Traveling expenses.....	\$157,343.00	Traveling expenses.....	\$132,592.65
Supplies and equipment.....	50,437.00	Supplies and equipment.....	177,543.35
Miscellaneous expenses.....	243,140.00	Miscellaneous expenses.....	386,281.82
Total estimate, 1917.....	1,308,278.00	Total expenditures, 1915.....	1,408,228.82
Total appropriation, 1916.....	1,312,778.00		
Decrease.....	4,500.00		
General administration, 1917, \$492,230.		General administration, 1915, \$473,579.29.	
Salaries.....	\$313,990.00	Salaries.....	\$302,154.54
As follows:		As follows:	
In Washington—		In Washington—	
1 associate forester, \$4,000.		1 associate forester, \$4,000.	
3 assistant foresters, at \$3,750 each.		3 assistant foresters, at \$3,750 each.	
1 assistant forester, \$3,500.		1 assistant forester, \$3,200 (8 months).	
2 assistant foresters, at \$3,000 each.		1 assistant forester, \$3,000.	
1 assistant district forester, \$3,000.		1 assistant forester, \$3,000 (3 months).	
1 assistant district forester, \$2,300.		1 assistant district forester, \$3,000.	
1 general inspector, \$3,000.		1 assistant district forester, \$2,300.	
2 forest inspectors, at \$2,800 each.		1 forest inspector, \$3,000.	
1 forest inspector, \$2,700.		1 forest inspector, \$3,000 (9 months).	
1 forest inspector, \$2,500.		1 forest inspector, \$2,800.	
1 inspector of grazing, \$2,800.		1 forest inspector, \$2,700.	
1 chief engineer, \$3,750.		2 forest inspectors, at \$2,500 each.	
1 assistant chief engineer, \$2,900.		1 inspector of grazing, \$2,800 (3 months).	
1 logging engineer, \$2,800.		1 chief engineer, \$3,750.	
1 junior engineer, \$1,400.		1 assistant chief engineer, \$2,900.	
1 classified expert lumberman, \$3,500.		1 junior engineer, \$1,400.	
1 law officer (Forest Appeals), \$3,000.		1 logging engineer, \$2,800.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Forest Service—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 19 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
General administration, 1917, \$492,230.	General administration, 1915, \$473,579.29.	
<p><i>In Washington—Continued.</i> 1 chief of claims, \$2,400. 1 national forest examiner, \$2,200. 1 national forest examiner, \$2,000. 1 forest examiner, \$2,100. 6 clerks, at \$900 each (6 months). 4 clerks, at \$900 each (3 months). 1 clerk, \$1,400 (temporary).</p> <p><i>Out of Washington—</i> 5 district foresters, at \$3,200 each. 1 district forester, \$3,000. 2 assistant district foresters, at \$2,800 each. 15 assistant district foresters, at \$2,700 each. 3 assistant district foresters, at \$2,600 each. 2 assistant district foresters, at \$2,500 each. 2 assistant district foresters, at \$2,400 each. 1 district engineer, \$2,700. 1 district engineer, \$2,600. 3 district engineers, at \$2,400 each. 1 logging engineer, \$2,800. 1 logging engineer, \$2,600 (4 months). 1 logging engineer, \$2,500. 1 logging engineer, \$2,400. 1 junior engineer, \$1,400. 1 civil engineer, \$2,000. 1 civil engineer, \$1,500. 2 inspectors of grazing, at \$2,400 each. 1 inspector, \$1,800. 3 lumbermen, at \$2,500 each. 4 lumbermen, at \$2,000 each. 1 lumberman, \$2,000 (9 months). 4 lumbermen, at \$1,800 each. 1 topographer, \$1,800. 1 mineral examiner, \$2,100. 1 mineral examiner, \$2,000. 2 mineral examiners, at \$1,800 each. 1 claims examiner, \$1,700. 1 claims examiner, \$1,400. 1 forest examiner, \$2,400. 1 forest examiner, \$2,200. 1 forest examiner, \$2,000. 3 forest examiners, at \$1,800 each. 3 forest examiners, at \$1,700 each. 3 forest examiners, at \$1,600 each. 6 forest examiners, at \$1,500 each. 2 forest examiners, at \$1,500 each (6 and 9 months). 2 forest examiners, at \$1,400 each. 2 national forest examiners, at \$2,000 each. 2 national forest examiners, at \$1,900 each. 3 national forest examiners, at \$1,800 each. 3 national forest examiners, at \$1,600 each. 2 national forest examiners, at \$1,400 each. 1 national forest examiner, \$1,300. 1 grazing examiner, \$1,600 (6 months). 1 grazing examiner, \$1,200 (6 months). 1 grazing assistant, \$1,200 (6 months). 1 forest assistant, \$1,200. 1 forest assistant, \$1,100. 2 forest assistants, at \$12 each. 1 surveyor, \$2,000. 1 surveyor-draftsman, \$1,500.</p>	<p><i>In Washington—Continued.</i> 1 classified expert lumberman, \$3,500. 3 assistants in lumbering, at \$200 per month each (3 months). 1 attorney in charge of Forest Appeals, \$3,000 (11½ months). 1 statistician in forest products, \$2,500 (2½ months). 1 chief of claims, \$2,400. 1 mineral examiner, \$2,200 (½ month). 1 national forest examiner, \$2,200 (7 months). 1 national forest examiner, \$2,000 (8 months). 1 national forest examiner, \$1,800 (2 months). 2 forest examiners, at \$2,100 each. 1 forest examiner, \$1,900 (2½ months). 1 forest examiner, \$1,600. 1 forest examiner, \$8 per diem (1½ months). 1 examiner of land descriptions, \$1,200 (8 months). 1 land-law clerk, \$1,400 (7½ months). 2 clerks, at \$1,600 each. 2 clerks, at \$1,200 each. 1 clerk, \$1,200 (6 months). 1 clerk, \$1,100. 1 clerk, \$900 (¼ month). 3 clerks, at \$900 each (3 months). 2 clerks, at \$840 each (3 months). 1 clerk, at \$700. 1 unskilled laborer, \$720. 2 messenger boys, at \$360 each (5 months).</p> <p><i>Out of Washington—</i> 1 district forester, \$3,500 (3 months). 4 district foresters, at \$3,200 each. 1 district forester, \$3,200 (4½ months). 1 district forester, \$3,000. 1 national forest inspector, \$2,000 (1 month). 1 assistant district forester, \$2,800. 2 assistant district foresters, at \$2,800 each (6 months). 14 assistant district foresters, at \$2,700 each. 2 assistant district foresters, at \$2,700 each (8 months). 4 assistant district foresters, at \$2,600 each. 2 assistant district foresters, at \$2,500 each. 1 assistant district forester, \$2,500 (1 month). 1 assistant district forester, \$2,400 (2 months). 1 assistant district forester, \$2,300 (6 months). 1 assistant district forester, \$6 per diem (5 days). 3 hydroelectrical engineers, at \$2,400 each. 1 district engineer, \$2,700. 1 district engineer, \$2,600. 1 junior engineer, \$1,400. 1 civil engineer draftsman, \$2,000. 1 civil engineer draftsman, \$1,500. 1 forest engineer, \$8 per diem (75 days). 1 forest supervisor, \$1,800 (9 months). 1 surveyor, \$2,000. 1 topographer, \$1,800 (11 months). 2 inspectors of grazing, at \$2,400 each (6 months). 2 grazing examiners, at \$1,600 each (5 months). 1 grazing examiner, \$750 (6 months). 2 grazing assistants, at \$1,200 each (1 month). 1 logging engineer, \$2,800. 1 logging engineer, \$2,600 (4 months). 1 logging engineer, \$2,500. 1 logging engineer, \$2,400. 2 logging engineers, at \$2,400 each (3 months). 1 logging engineer, \$2,000. 1 logging engineer, \$7.13 per diem (37 days). 2 lumbermen, at \$2,000 each. 3 lumbermen, at \$2,000 each (6 months). 2 lumbermen, at \$1,800 each. 2 lumbermen, at \$1,800 each (9 months). 1 lumberman accountant, \$10 per diem (97 days). 1 scaler, \$1,800 (6 months). 1 scaler, \$1,600 (2½ months). 1 scaler, \$1,500 (8 months). 1 scaler, \$1,400. 1 superintendent of telephone construction, \$1,500 (2 months).</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Forest Service—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
General administration, 1917, \$492,230.	General administration, 1915, \$473,579.29.		
Out of Washington—Continued. 1 surveyor-draftsman, \$1,400. 1 scaler, \$1,500 (8 months). 1 scaler, \$1,400. 2 draftsmen, at \$900 each (temporary). 1 forest ranger, at \$1,300 (8 months). 2 map colorists, at \$900 each (temporary). 4 blueprinters, at \$720 each (temporary). 1 telephone operator, \$600 (temporary). 1 clerk, \$1,200 (temporary). 1 clerk, \$1,100 (temporary). 1 clerk, \$1,020 (temporary). 2 clerks, at \$900 each (temporary). 2 clerks at \$900 each (6 months). 1 janitor, \$600 (temporary). 1 unskilled laborer, \$540 (temporary). 1 messenger boy, \$360 (temporary). 1 collaborator, \$12.	Out of Washington—Continued. 1 superintendent of telephone construction, \$3 per diem (28 days). 1 forest assistant, \$1,200 (1 month). 3 forest assistants, at \$1,100 each (4½ months). 1 field assistant, \$1,200. 1 national forest examiner, \$2,000. 3 national forest examiners, at \$2,000 each (2 months). 1 national forest examiner, \$1,900. 1 national forest examiner, \$1,800. 2 national forest examiners, at \$1,800 each (3½ months). 2 national forest examiners, at \$1,600 each. 1 national forest examiner, \$1,400. 1 national forest examiner, \$1,300 (6 months). 1 forest examiner, \$2,400. 1 forest examiner, \$2,200 (5 months). 1 forest examiner, \$2,000. 1 forest examiner, \$1,900. 2 forest examiners, at \$1,900 each (2 months). 2 forest examiners, at \$1,800 each. 2 forest examiners, at \$1,800 each (8½ months). 1 forest examiner, \$1,700 (3 month). 1 forest examiner, \$1,600. 2 forest examiners, at \$1,600 each (2½ months). 3 forest examiners, at \$1,500 each. 1 forest examiner, \$1,500 (10 months). 2 forest examiners, at \$1,400 each (7 months). 1 forest examiner, \$1,200. 1 forest examiner, \$12 (8 months). 1 land examiner, \$1,400. 1 mineral examiner, \$2,200 (4½ months). 1 mineral examiner, \$2,100. 1 mineral examiner, \$1,800. 2 mineral examiners, at \$1,800 each (6 months). 1 mineral examiner, \$7.50 per diem (6 days). 1 forest ranger, \$1,300 (8 months). 5 assistant forest rangers, at \$1,100 each (2 months). 1 forest guard, \$900 (1 month). 2 clerks, at \$1,900 each. 1 clerk, \$1,400. 2 clerks, at \$1,200 each (6 months). 1 clerk, \$1,100. 1 clerk, \$1,100 (1½ months). 1 clerk, \$1,020 (11 months). 17 clerks, at \$900 each (2 months). 3 clerks, at \$3 per diem each (46 days). 1 clerk, at \$2.50 per diem (4 days). 1 surveyor draftsman, \$1,300 (6 months). 2 draftsmen, at \$1,200 each (5½ months). 1 draftsman, \$900. 3 draftsmen, at \$900 each (7 months). 1 copyist topographic draftsman, \$1,400. 1 copyist topographic draftsman, \$1,000. 1 copyist topographic draftsman, \$900 (2 months). 1 telephone operator, \$600. 2 map colorists, at \$900 each. 1 map colorist, \$900 (1½ months). 1 blueprinter, \$720. 2 blueprinters, at \$720 each (5½ months). 3 blueprinters, at \$600 each (6 months). 3 messenger boys, at \$180 each (3½ months). 1 messenger boy, \$360. 2 messenger boys, at \$360 each (1½ months). 1 collaborator, \$12. 1 unskilled laborer, \$600. 1 laborer, \$540.		
Traveling expenses..... \$116,175.00 Supplies and equipment..... 5,000.00 Miscellaneous expenses..... 57,065.00 Total estimate, 1917..... 492,230.00 Total appropriation, 1916..... 498,370.00 Decrease (but as 1 clerk at \$1,600, 1 clerk at \$1,200, 2 draftsmen or surveyors at \$1,400 each, 2 draftsmen at \$1,200 each have been transferred to statutory roll of this bureau, and 1 tinner's helper at \$720 to statutory roll of secretary's office, there is an actual increase of \$4,500)..... 6,140.00	Traveling expenses..... \$100,855.50 Supplies and equipment..... 11,856.62 Miscellaneous expenses..... 48,412.72 Total expenditures, 1915..... 463,279.38		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
General Expenses, Forest Service—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Agricultural land classification, 1917, \$100,000.		Agricultural land classification, 1915, \$88,598.05.	
Salaries.....	\$56,069.00	Salaries.....	\$44,014.60
As follows:		As follows:	
In Washington—		In Washington—	
1 assistant forester, \$3,500 (3 months).		1 assistant forester, \$3,500 (3 months).	
1 forest inspector, \$3,500 (1½ months).		1 forest inspector, \$3,500 (1½ months).	
1 wet and dry plate photographer, \$1,100 (5½ months).		1 wet and dry plate photographer, \$1,100 (5½ months).	
Out of Washington—		Out of Washington—	
1 district forester, \$3,500 (4½ months).		1 district forester, \$3,500 (4½ months).	
1 national forest examiner, \$2,100.		1 national forest examiner, \$2,100.	
1 national forest examiner, \$2,100 (9 months).		1 national forest examiner, \$2,100 (9 months).	
1 national forest examiner, \$2,000.		1 national forest examiner, \$2,000.	
1 national forest examiner, \$1,800 (3 months).		1 national forest examiner, \$1,800 (3 months).	
1 national forest examiner, \$1,700.		1 national forest examiner, \$1,700.	
1 national forest examiner, \$1,600.		1 national forest examiner, \$1,600.	
1 national forest examiner, \$1,500.		1 national forest examiner, \$1,500.	
1 national forest examiner, \$1,300.		1 national forest examiner, \$1,300.	
2 national forest examiners, at \$1,300 each (5 months).		2 national forest examiners, at \$1,300 each (5 months).	
1 forest examiner, \$1,800 (2 months).		1 forest examiner, \$1,800 (2 months).	
1 forest examiner, \$1,700 (1 month).		1 forest examiner, \$1,700 (1 month).	
2 forest examiners, at \$1,600 each (4½ months).		2 forest examiners, at \$1,600 each (4½ months).	
1 forest examiner, \$1,500.		1 forest examiner, \$1,500.	
2 forest examiners, at \$1,500 each (3 months).		2 forest examiners, at \$1,500 each (3 months).	
4 forest examiners, at \$1,100 each (3 months).		4 forest examiners, at \$1,100 each (3 months).	
1 forest examiner, \$1,300.		1 forest examiner, \$1,300.	
1 surveyor, \$1,100 (3 months).		1 surveyor, \$1,100 (3 months).	
1 surveyor, \$1,200 (6 months).		1 surveyor, \$1,200 (6 months).	
1 surveyor draftsman, \$1,500 (1½ months).		1 surveyor draftsman, \$1,500 (1½ months).	
1 topographic draftsman, \$900 (1½ months).		1 topographic draftsman, \$900 (1½ months).	
1 draftsman, \$1,200.		1 draftsman, \$1,200.	
3 draftsmen, at \$1,200 each (2½ months).		3 draftsmen, at \$1,200 each (2½ months).	
2 draftsmen, at \$1,100 each (2½ months).		2 draftsmen, at \$1,100 each (2½ months).	
1 draftsman, \$1,000 (1 month).		1 draftsman, \$1,000 (1 month).	
1 draftsman, \$900 (3 months).		1 draftsman, \$900 (3 months).	
5 map colorists, at \$900 each (3½ months).		5 map colorists, at \$900 each (3½ months).	
1 map colorist, \$720 (3 months).		1 map colorist, \$720 (3 months).	
1 map colorist, \$600 (2 months).		1 map colorist, \$600 (2 months).	
1 blueprinter, \$720 (1 month).		1 blueprinter, \$720 (1 month).	
1 clerk, \$1,080 (2 months).		1 clerk, \$1,080 (2 months).	
1 clerk, \$1,020 (2 months).		1 clerk, \$1,020 (2 months).	
7 clerks, at \$900 each (3 months).		7 clerks, at \$900 each (3 months).	
3 forest assistants, at \$1,100 each (1½ months).		3 forest assistants, at \$1,100 each (1½ months).	
1 forest ranger, \$1,300 (½ month).		1 forest ranger, \$1,300 (½ month).	
1 forest ranger, \$1,200 (2 months).		1 forest ranger, \$1,200 (2 months).	
18 assistant forest rangers, at \$1,100 each (3 months).		18 assistant forest rangers, at \$1,100 each (3 months).	
1 field assistant, \$1,200 (1 month).		1 field assistant, \$1,200 (1 month).	
1 field assistant, \$1,080 (½ month).		1 field assistant, \$1,080 (½ month).	
9 field assistants, at \$900 each (1½ months).		9 field assistants, at \$900 each (1½ months).	
11 field assistants, at \$720 each (1½ months).		11 field assistants, at \$720 each (1½ months).	
14 field assistants, at \$600 each (1½ months).		14 field assistants, at \$600 each (1½ months).	
1 forest guard, \$1,000 (1½ months).		1 forest guard, \$1,000 (1½ months).	
17 forest guards, at \$900 each (2 months).		17 forest guards, at \$900 each (2 months).	
1 forest guard, \$720 (1 month).		1 forest guard, \$720 (1 month).	
1 forest guard, \$600 (½ month).		1 forest guard, \$600 (½ month).	
Traveling expenses.....	22,899.00	Traveling expenses.....	25,343.23
Supplies and equipment.....	3,722.00	Supplies and equipment.....	2,498.35
Miscellaneous expenses.....	17,310.00	Miscellaneous expenses.....	15,470.04
Total estimate, 1917.....	100,000.00	Total expenditures, 1915.....	87,326.22
Total appropriation, 1916.....	100,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
General Expenses, Forest Service—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Survey, etc., of lands, 1917, \$85,000.		Survey, etc., of lands, 1915, \$81,571.47.	
Salaries.....	\$60,133.00	Salaries.....	\$39,553.24
As follows:		As follows:	
Out of Washington—		Out of Washington—	
1 surveyor-draftsman, \$1,600.		1 national forest examiner, \$2,100 (3 months).	
4 surveyor-draftsmen, at \$1,500 each.		1 national forest examiner, \$1,800 (11½ months).	
1 surveyor-draftsman, \$1,500 (8 months).		1 national forest examiner, \$1,600 (1 month).	
3 surveyor-draftsmen, at \$1,400 each.		1 forest examiner, \$1,400.	
1 surveyor-draftsman, \$1,200.		1 forest examiner, \$1,400 (4 months).	
1 surveyor, \$1,600.		1 surveyor, \$1,800 (2 months).	
5 surveyors, at \$1,500 each.		1 surveyor, \$1,600 (9 months).	
2 surveyors, at \$1,500 each (10 months).		1 surveyor, \$1,500.	
4 surveyors, at \$1,400 each.		8 surveyors, at \$1,500 each (7½ months).	
1 surveyor, \$1,400 (4 months).		1 surveyor, \$1,400.	
1 surveyor, \$1,100.		4 surveyors, at \$1,400 each (5½ months).	
1 national forest examiner, \$1,800.		2 surveyors, at \$1,200 each (6 months).	
1 forest examiner, \$1,400 (8 months).		1 surveyor-draftsman, \$1,600.	
1 draftsman, \$1,400 (temporary).		2 surveyor-draftsmen, at \$1,500 each.	
1 draftsman, \$1,400 (8 months).		2 surveyor-draftsmen, at \$1,500 each (7½ months).	
1 draftsman, \$1,020 (6 months).		2 surveyor-draftsmen, at \$1,400 each (5½ months).	
1 draftsman, \$900 (temporary).		2 surveyor-draftsmen, at \$1,200 each (1 month).	
4 rodmen, at \$900 each (6½ months).		1 draftsman, \$1,400.	
1 rodman, \$720 (6½ months).		4 draftsmen, at \$900 each (3 months).	
2 chainmen, at \$900 each (2 and 4 months).		1 transitman, \$1,440 (3 months).	
5 chainmen, at \$720 each (6 months).		1 clerk, \$1,020 (2 months).	
4 chainmen, at \$2 per diem each (3 months).		2 clerks, at \$900 each (1½ months).	
1 clerk, \$1.02		1 clerk, \$720 (2 months).	
1 clerk, \$900.		4 assistant forest rangers, at \$1,100 each (6 months).	
1 clerk, \$900 (7 months).		4 field assistants, at \$900 each (4½ months).	
1 laborer, \$780 (8 months).		2 field assistants, at \$720 each (1½ months).	
10 laborers, at \$720 each (8 months).		7 field assistants, at \$600 each (2 months).	
54 laborers, at \$3 per diem each (4 days).		4 forest guards, at \$900 each (4½ months).	
12 field assistants, at \$3 per diem each (10 days).		1 forest guard, \$600 (8 months).	
2 field assistants, at \$600 each (2 months).		Traveling expenses.....	20,519.57
Traveling expenses.....	12,759.00	Supplies and equipment.....	1,583.34
Supplies and equipment.....	637.00	Miscellaneous expenses.....	19,915.32
Miscellaneous expenses.....	11,471.00	Total expenditures, 1915.....	81,571.47
Total estimate, 1917.....	85,000.00		
Total appropriation, 1916.....	85,000.00		
Fighting forest fires, 1917, \$150,000.		Fighting forest fires, 1915, \$600,526.36 (includes \$349,243, deficiency appropriation).	
Salaries.....	\$93,000.00	Salaries.....	\$232.60
As follows:		As follows:	
Out of Washington—		Out of Washington—	
9,250 laborers, at \$2 to \$3 per diem (1 to 10 days).		1 forest ranger, \$4 per diem (1 day).	
Traveling expenses.....	11,800.00	4 forest guards, at \$900 each (½ month).	
Supplies and equipment.....	17,850.00	12 forest guards, at 35 cents per hour each (38 hours).	
Miscellaneous expenses.....	27,350.00	Traveling expenses.....	13,163.07
Total estimate, 1917.....	150,000.00	Supplies and equipment.....	68,044.29
Total appropriation, 1916.....	150,000.00	Miscellaneous expenses.....	517,400.88
		Total expenditures, 1915.....	598,840.84
Maintenance and supplies, 1917, \$150,400.		Maintenance and supplies, 1915, \$151,500.	
Salaries.....	\$1,060.00	Salaries.....	\$2,214.00
As follows:		As follows:	
In Washington—		In Washington—	
1 minor clerk, \$700 (temporary).		1 blue printer, \$720 (10½ months).	
1 messenger boy, \$360 (temporary).		Out of Washington—	
Traveling expenses.....	1,500.00	1 compositor, \$1,600.	
Supplies and equipment.....	129,915.00	Traveling expenses.....	1,621.21
Miscellaneous expenses.....	17,925.00	Supplies and equipment.....	131,159.36
Total estimate, 1917.....	150,400.00	Miscellaneous expenses.....	14,167.33
Total appropriation, 1916.....	152,000.00	Total expenditures, 1915.....	149,161.90
Decrease (by transfer of 1 compositor, at \$1,600, to statutory roll).....	1,600.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
General Expenses, Forest Service—Continued.		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Forest products, 1917, \$135,200.	Forest products, 1915, \$144,193.	
<p>Salaries..... \$105,275.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 engineer in forest products, \$2,500.</p> <p>1 statistician in forest products, \$2,100 (9 months).</p> <p>1 statistician in forest products, \$1,800.</p> <p>1 statistician in forest products, \$1,600.</p> <p>1 statistician in forest products, \$1,500.</p> <p>1 forest examiner, \$1,900.</p> <p>1 forest assistant, \$1,400.</p> <p>1 forest assistant, \$1,100.</p> <p>1 scientific assistant in wood structure, \$1,700.</p> <p>Out of Washington—</p> <p>1 director, forest products laboratory, \$3,200.</p> <p>1 chief, section of derived products, \$3,500.</p> <p>1 pulp and paper engineer, \$3,500.</p> <p>1 assistant district forester, \$2,700.</p> <p>1 engineer in forest products, \$2,500.</p> <p>2 engineers in forest products, at \$2,300 each.</p> <p>2 engineers in forest products, at \$2,000 each.</p> <p>3 engineers in forest products, at \$1,900 each.</p> <p>3 engineers in forest products, at \$1,800 each.</p> <p>1 engineer in forest products, \$1,700.</p> <p>1 engineer in forest products, \$1,600.</p> <p>1 assistant engineer in forest products, \$1,500.</p> <p>3 assistant engineers in forest products, at \$1,200 each.</p> <p>4 assistant engineers in forest products, at \$900 each.</p> <p>1 statistician in forest products, \$1,900.</p> <p>1 statistician in forest products, \$1,100.</p> <p>1 chemist in forest products, \$2,500 (9½ months).</p> <p>3 chemists in forest products, at \$1,800 each.</p> <p>1 chemist in forest products, \$1,600.</p> <p>1 chemist in forest products, \$1,200.</p> <p>1 assistant chemist in forest products, \$1,700.</p> <p>1 assistant chemist in forest products, \$1,500.</p> <p>1 assistant chemist in forest products, \$1,200.</p> <p>1 assistant chemist in forest products, \$900.</p> <p>1 forest examiner, \$2,200.</p> <p>1 forest examiner, \$2,100.</p> <p>1 administrative assistant, \$2,000.</p> <p>1 microscopist, \$1,700.</p> <p>1 xylotomist, \$1,500.</p> <p>1 assistant xylotomist, \$900.</p> <p>1 assistant physicist, \$1,200.</p> <p>1 practical paper maker, \$1,000.</p> <p>1 laboratory aid and engineer, \$800 (temporary).</p> <p>2 laboratory assistants, at \$2 per diem each (100 days).</p> <p>1 machinist, \$60 per month (5 months).</p> <p>1 carpenter, \$1,000 (temporary).</p> <p>4 carpenters, at \$2 per diem each (75 days).</p> <p>1 clerk, \$900 (temporary).</p> <p>2 clerks, at \$900 each (3½ months).</p> <p>1 minor clerk, \$600 (temporary).</p> <p>20 student assistants, at \$25 per month each (3 months).</p> <p>3 experts, at \$10 per diem each (30 to 40 days).</p> <p>1 civil engineer, \$11 per diem (45 days).</p> <p>5 unskilled laborers, at \$720 each (temporary).</p> <p>9 laborers, at \$900 to \$1,400 each (½ to 3 months).</p>	<p>Salaries..... \$107,439.23</p> <p>As follows:</p> <p>In Washington—</p> <p>1 engineer in forest products, \$2,600 (9½ months).</p> <p>1 scientific assistant in wood structure, \$1,600.</p> <p>1 statistician in forest products, \$2,100 (1½ months).</p> <p>1 statistician in forest products, \$1,800.</p> <p>1 statistician in forest products, \$1,600.</p> <p>1 statistician in forest products, \$1,500.</p> <p>1 forest examiner, \$1,900.</p> <p>1 forest examiner, \$1,400.</p> <p>1 forest assistant, \$1,100.</p> <p>Out of Washington—</p> <p>1 director, forest products laboratory, \$3,200.</p> <p>1 chief, section of derived products, \$3,500 (11½ months).</p> <p>1 assistant forester, \$2,700.</p> <p>1 engineer in forest products, \$2,500.</p> <p>1 engineer in forest products, \$2,500 (11½ months).</p> <p>2 engineers in forest products, at \$2,300 each.</p> <p>1 engineer in forest products, \$2,000.</p> <p>1 engineer in forest products, \$2,000 (7 months).</p> <p>3 engineers in forest products, at \$1,900 each.</p> <p>2 engineers in forest products, at \$1,800 each.</p> <p>1 engineer in forest products, \$1,800 (11 months).</p> <p>1 engineer in forest products, \$1,700 (11 months).</p> <p>1 engineer in forest products, \$1,600.</p> <p>1 engineer in forest products, \$1,500.</p> <p>1 assistant engineer in forest products, \$1,700.</p> <p>1 assistant engineer in forest products, \$1,500.</p> <p>2 assistant engineers in forest products, at \$1,200 each.</p> <p>3 assistant engineers in forest products, at \$1,200 each (5 months).</p> <p>7 assistant engineers in forest products, at \$900 each (6 months).</p> <p>1 assistant engineer in forest products, \$3.33 per diem (1 month).</p> <p>1 pulp and paper engineer, \$3,500 (8 months).</p> <p>1 civil engineer, \$11 per diem (26 days).</p> <p>1 forest examiner, \$2,200.</p> <p>1 forest examiner, \$2,100.</p> <p>1 chemist in forest products, \$2,000.</p> <p>3 chemists in forest products, at \$1,800 each.</p> <p>1 chemist in forest products, \$1,600.</p> <p>1 chemist in forest products, \$1,400 (6 months).</p> <p>1 assistant chemist in forest products, \$1,500.</p> <p>2 assistant chemists in forest products, at \$1,200 each.</p> <p>1 assistant chemist in forest products, \$1,200 (7 months).</p> <p>1 assistant chemist in forest products * \$900 (3½ months).</p> <p>2 lumber graders, at \$1,800 each (3 months).</p> <p>2 lumber graders, at \$1,500 each (5 months).</p> <p>1 lumber grader, \$2.50 per diem (1 month).</p> <p>1 expert in wood technology, \$10 per diem (16 days).</p> <p>1 compiler, \$6 per diem (2½ months).</p> <p>1 expert in timber physics, \$10 per diem (10 days).</p> <p>1 expert in chemical engineering, \$10 per diem (10 days).</p> <p>1 assistant physicist, \$1,200 (11½ months).</p> <p>1 microscopist in forest products, \$1,700 (11½ months).</p> <p>1 xylotomist, \$1,500.</p> <p>1 assistant xylotomist, \$900 (11½ months).</p> <p>1 laboratory assistant, \$1,000.</p> <p>1 laboratory assistant, \$800.</p> <p>1 laboratory assistant, 25 cents per hour (22 days).</p> <p>1 laboratory aid and engineer, \$1,200 (2½ months).</p> <p>2 laboratory aids and engineers, at \$900 each.</p> <p>1 laboratory aid and engineer, \$900 (8 months).</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
General Expenses, Forest Service—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Forest products, 1917, \$135,200.		Forest products, 1915, \$144,193.	
<p>Traveling expenses..... \$15,005.00</p> <p>Supplies and equipment..... 7,045.00</p> <p>Miscellaneous expenses..... 7,875.00</p> <p>Total estimate, 1917..... 135,200.00</p> <p>Total appropriation, 1916..... 140,000.00</p> <p>Decrease (by transfer of 1 carpenter at \$1,200, 1 laboratory assistant at \$1,000, 2 laboratory aids and engineers at \$900 each, and 1 laboratory assistant at \$800 to statutory roll)..... 4,800.00</p>		<p>Out of Washington—Continued.</p> <p>1 laboratory aid and engineer, \$800.</p> <p>1 paper maker, \$1,000 (10½ months).</p> <p>1 mechanical draftsman, \$1,200 (2½ months).</p> <p>3 forest assistants, at \$1,100 each (3½ months).</p> <p>1 scaler, \$1,000 (1 month).</p> <p>1 assistant in lumbering, \$200 per month (1½ months).</p> <p>1 assistant in lumbering, \$150 per month (27 days).</p> <p>1 statistician in forest products, \$1,100 (11 months).</p> <p>10 student assistants, at \$300 each (6 months).</p> <p>1 assistant forest ranger, \$1,100 (1 month).</p> <p>1 collaborator, \$12 (6 months).</p> <p>1 collaborator, \$5.28 per diem (10 days).</p> <p>2 clerks, at \$900 each (5 months).</p> <p>2 clerks, at \$65 per month each (3½ months).</p> <p>1 clerk, \$50 per month (12 days).</p> <p>1 clerk, 25 cents per hour (39 days).</p> <p>2 clerks (minor), at \$600 each (4 months).</p> <p>1 carpenter, \$1,200.</p> <p>1 carpenter, \$1,000.</p> <p>1 laborer, \$720.</p> <p>1 skilled laborer, \$75 per month (4 months).</p> <p>2 unskilled laborers, at \$720 each.</p> <p>2 unskilled laborers, at \$720 each (3½ months).</p> <p>1 unskilled laborer, \$60 per month (3 months).</p> <p>2 unskilled laborers, at \$2 per diem each (3½ months).</p> <p>1 unskilled laborer, 25 cents per hour (65 hours).</p> <p>5 messenger boys, at \$360 each (1 month).</p> <p>Traveling expenses..... \$16,806.63</p> <p>Supplies and equipment..... 10,104.27</p> <p>Miscellaneous expenses..... 6,432.75</p> <p>Total expenditures, 1915..... 140,782.87</p>	
National forest range investigations, 1917, \$30,000.		National forest range investigations, 1915, \$24,925.	
<p>Salaries..... \$20,925.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 inspector of grazing, \$2,700.</p> <p>1 grazing examiner, \$1,700.</p> <p>1 grazing examiner, \$1,600.</p> <p>1 grazing assistant, \$1,400.</p> <p>1 grazing assistant, \$1,200.</p> <p>1 plant ecologist, \$1,600.</p> <p>1 consulting botanist, \$1,800 (8 months).</p> <p>1 assistant botanist, \$1,200 (4 months).</p> <p>1 clerk, \$900 (4 months).</p> <p>Out of Washington—</p> <p>1 plant ecologist, \$2,200 (9½ months).</p> <p>2 grazing examiners, at \$1,600 each (6 months).</p> <p>1 grazing examiner, \$1,200 (6 months).</p> <p>1 grazing assistant, \$1,200.</p> <p>2 grazing assistants, at \$1,200 each (6 months).</p> <p>1 forest examiner, \$1,400 (½ month).</p> <p>1 surveyor, \$1,800 (1 month).</p> <p>2 field assistants, at \$900 each (4 to 6 months).</p> <p>1 field assistant, \$25 per month.</p> <p>1 clerk, \$1,200 (3 months).</p> <p>5 laborers, at \$900 each (4 months).</p> <p>2 laborers, at \$50 per month each (3 months).</p> <p>Traveling expenses..... 8,375.00</p> <p>Supplies and equipment..... 400.00</p> <p>Miscellaneous expenses..... 300.00</p> <p>Total estimate, 1917..... 30,000.00</p> <p>Total appropriation, 1916..... 30,000.00</p>		<p>Salaries..... \$16,292.86</p> <p>As follows:</p> <p>In Washington—</p> <p>1 inspector of grazing, \$2,700.</p> <p>1 grazing examiner, \$1,700.</p> <p>1 grazing examiner, \$1,600 (1½ months).</p> <p>1 grazing assistant, \$1,400.</p> <p>1 consulting botanist, \$1,800 (8 months).</p> <p>1 assistant botanist, \$1,620.</p> <p>1 plant ecologist, \$1,600.</p> <p>1 assistant in systematic agrostology, \$100 per month (4 months).</p> <p>Out of Washington—</p> <p>1 forest examiner, \$2,400 (½ month).</p> <p>1 forest examiner, \$1,600 (5½ months).</p> <p>1 forest examiner, \$1,400 (¾ month).</p> <p>2 grazing examiners, at \$1,600 each (6 months).</p> <p>1 plant ecologist, \$2,200.</p> <p>1 grazing assistant, \$1,200 (6 months).</p> <p>1 forest guard, \$900 (1 month).</p> <p>Traveling expenses..... 4,990.48</p> <p>Supplies and equipment..... 648.92</p> <p>Miscellaneous expenses..... 2,545.45</p> <p>Total expenditures, 1915..... 24,477.71</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Forest Service—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 19 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
National forest planting, 1917, \$165,640.		National forest planting, 1915, \$147,408.38.	
Salaries.....	\$106,740.00	Salaries.....	\$25,837.77
As follows:		As follows:	
Out of Washington—		Out of Washington—	
1 plant ecologist, \$2,200 (2½ months).		1 forest examiner, \$2,400 (1½ months).	
1 forest examiner, \$2,400 (2 months).		1 forest examiner, \$2,300.	
1 forest examiner, \$2,300.		1 forest examiner, \$2,200.	
1 forest examiner, \$2,200.		1 forest examiner, \$1,800.	
1 forest examiner, \$1,800.		1 forest examiner, \$1,800 (3 months).	
2 forest examiners, at \$1,600 each.		2 forest examiners, at \$1,600 each.	
3 forest examiners, at \$1,600 each (5 months).		1 forest examiner, \$1,600 (1½ months).	
forest examiner, \$1,500 (6 months).		2 forest examiners, at \$1,500 each.	
4 forest examiners, at \$1,400 each.		1 forest examiner, \$1,500 (1 month).	
3 forest examiners, at \$1,400 each (5 to 10 months).		5 forest examiners, at \$1,400 each (5½ months).	
1 forest assistant, \$1,200 (4 months).		1 forest planting assistant, \$1,500.	
2 forest assistants, at \$1,100 each.		1 forest planting assistant, \$1,100.	
4 forest assistants, at \$1,100 each (5 to 9 months).		1 surveyor draftsman, \$1,500 (¾ month).	
2 forest assistants, at \$900 each (4 months).		1 surveyor draftsman, \$1,300 (¾ month).	
1 forest planting assistant, \$1,500.		2 forest assistants, at \$1,100 each (8 months).	
1 forest planting assistant, \$1,400.		3 field assistants, at \$900 each (3 months).	
1 forest planting assistant, \$1,100.		1 field assistant, \$600 (1 month).	
1 forest ranger, \$1,200.		3 assistant forest rangers, at \$1,100 each (2½ months).	
1 assistant forest ranger, \$1,100.		1 forest clerk, \$1,200 (9 days).	
1 assistant forest ranger, \$1,100 (6 months).		1 collaborator, \$12 (1 month).	
5 field assistants, at \$600 each (5½ months).		1 copyist topographic draftsman, \$3 per diem (1 month).	
1 forest guard, \$1,100 (4 months).		1 unskilled laborer, \$900 (10 months).	
1 cook, \$2 per diem.		1 unskilled laborer, \$720 (1 month).	
1,227 temporary laborers, at \$1.50 to \$3 per diem each (1 to 12 months).		1 unskilled laborer, \$480.	
Traveling expenses.....	7,755.00	4 forest guards, at \$900 each (¾ month).	
Supplies and equipment.....	12,585.00	1 forest guard, \$720 (4 months).	
Miscellaneous expenses.....	35,560.00	Traveling expenses.....	6,985.81
Total estimate, 1917.....	165,640.00	Supplies and equipment.....	25,016.26
Total appropriation, 1916.....	165,640.00	Miscellaneous expenses.....	87,616.17
		Total expenditures, 1915.....	145,456.01
Silvical investigations, 1917, \$78,728.		Silvical investigations, 1915, \$83,500.	
Salaries.....	\$57,210.00	Salaries.....	\$56,671.03
As follows:		As follows:	
In Washington—		In Washington—	
1 assistant forester, \$3,000.		1 assistant forester, \$3,000.	
1 chief, forest investigations, \$3,000.		1 forest inspector \$3,000 (5 months).	
1 assistant chief, forest investigations, \$2,600.		1 chief, forest investigations, \$3,000.	
1 chief, State cooperation, \$2,600 (6 months).		1 assistant chief, forest investigations, \$2,600 (10½ months).	
1 forest inspector, \$2,500.		1 chief, State cooperation, \$2,600.	
1 forest examiner, \$2,200.		2 forest examiners, at \$2,200 each.	
1 forest examiner, \$2,200 (6 months).		1 forest examiner, \$2,100.	
1 forest examiner, \$2,100.		1 forest examiner, \$2,000.	
1 forest examiner, \$2,000.		1 forest examiner, \$1,800.	
1 forest examiner, \$1,900.		1 forest examiner, \$1,700.	
1 forest examiner, \$1,800.		1 forest examiner, \$1,400 (11½ months).	
1 forest examiner, \$1,700.		1 forest examiner, \$4.50 per diem (2 days).	
1 forest assistant, \$1,400.		1 scientific assistant in basket-willow culture, \$1,700.	
1 scientific assistant in basket-willow culture, \$1,700.		1 scientific assistant in forest distribution, \$1,600.	
1 scientific assistant in wood distribution, \$1,600.		1 clerk (translator), \$1,400.	
1 forest expert, \$1,000.		1 forest assistant, \$1,200 (5 months).	
Out of Washington—		1 clerk, \$960 (20 days).	
1 forest examiner, \$2,400.		Out of Washington—	
1 forest examiner, \$2,000.		1 forest examiner, \$2,400.	
1 forest examiner, \$2,000 (10 months).		1 forest examiner, \$2,400 (10 months).	
2 forest examiners, at \$1,800 each.		1 forest examiner, \$2,200 (7 months).	
2 forest examiners, at \$1,500 each (6 months).		1 forest examiner, \$2,000.	
3 forest examiners, at \$1,400 each.		1 forest examiner, \$1,900 (8 months).	
2 forest examiners, at \$1,400 each (6 to 11½ months).		2 forest examiners, at \$1,800 each.	
1 forest assistant, \$1,100.		1 forest examiner, \$1,700.	
1 assistant forest ranger, \$1,100.		1 forest examiner, \$1,700 (10 months).	
1 forest guard, \$900 (6 months).		1 forest examiner, \$1,600 (¾ month).	
3 field assistants, at \$900 each (6 to 8 months).		1 forest examiner, \$1,500 (1½ months).	
1 field assistant, \$720 (4 months).		1 forest examiner, \$1,400.	
3 field assistants, at \$600 each (5½ months).		3 forest examiners, at \$1,400 each (7 months).	
1 janitor, \$480 (8 months).		1 national forest examiner, \$6 per diem (5½ months).	
37 temporary laborers, at \$600 to \$900 each (10 days to 8 months).		4 forest assistants, at \$1,100 each (2½ months).	
		1 forest assistant, \$900 (7 days).	
		1 forest assistant, \$12.	
		2 assistant forest rangers, at \$1,100 each (2½ months).	
		2 forest guards, at \$900 each (4 months).	
		3 assistants in lumbering, at \$200 per month each (¾ month).	
		6 field assistants, at \$900 each (2½ months).	
		2 field assistants, at \$720 each (2 months).	
		2 field assistants, at \$600 each (1 month).	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Forest Service—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
<p>Silvical investigations, 1917, \$78,728.</p> <p>Traveling expenses..... \$13,790.00 Supplies and equipment..... 3,265.00 Miscellaneous expenses..... 4,463.00 Total estimate, 1917..... 78,728.00 Total appropriation, 1916..... 83,728.00 Decrease (by transfer of 1 clerk at \$1,300, 1 clerk at \$1,200, 1 clerk at \$1,100, and 1 translator at \$1,400 to statutory roll)..... 5,000.00</p>	<p>Silvical investigations, 1915, \$83,500.</p> <p>Out of Washington—Continued. 1 field assistant, \$360 (2 months). 1 draftsman, \$1,200 (1 day). 1 clerk, \$1,300 (8 months). 1 clerk, \$1,200 (10 months). 1 clerk, \$1,100 (½ month). 1 clerk, \$900 (3 months). 1 clerk, \$720 (2 months). 1 unskilled laborer, \$480 (4 months). Traveling expenses..... \$11,286.31 Supplies and equipment..... 5,248.34 Miscellaneous expenses..... 9,607.55 Total expenditures, 1915..... 82,813.23</p>	
<p>Reconnaissance, 1917, \$60,000.</p> <p>Salaries..... \$37,857.00 As follows: Out of Washington— 1 lumberman, \$2,000 (1½ months). 1 grazing expert, \$1,600 (6 months). 1 forest examiner, \$1,500 (1½ months). 1 forest examiner, \$1,400. 1 forest examiner, \$1,400 (9 months). 5 forest assistants, at \$1,100 each. 11 forest assistants, at \$1,100 each (2½ to 6 months). 1 grazing assistant, \$1,200 (6 months). 1 surveyor-draftsman, \$1,400. 2 assistant forest rangers, at \$1,100 each (2½ to 6 months). 2 transitmen, at \$720 each (2½ months). 2 rodmen, at \$480 each (2½ months). 5 forest guards, at \$1,100 each (5 months). 5 forest guards, at \$900 each (2½ months). 2 packers, at \$720 each (4 months). 8 cooks, at \$1.67 to \$2.75 per diem each (1 to 6 months). 25 field assistants, at \$600 to \$900 each (1 to 4 months). 12 laborers, at \$720 to \$900 each (1 to 6 months). Traveling expenses..... 6,870.00 Supplies and equipment..... 1,529.00 Miscellaneous expenses..... 13,744.00 Total estimate, 1917..... 60,000.00 Total appropriation, 1916..... 60,000.00</p>	<p>No appropriation for 1915.</p>	
<p>Miscellaneous forest investigations, 1917, \$33,140.</p> <p>Salaries..... \$21,880.00 As follows: In Washington— 1 editor, \$3,200. 1 information editor, \$2,000. 1 assistant editor, \$2,000. 1 assistant editor, \$1,100. 1 chief of publication, \$2,400. 1 chief of geography, \$2,200. 1 civil engineer, \$2,000. 1 assistant in forest education, \$1,800. 1 forest examiner, \$1,700. 1 lithographic map engraver, \$1,600. 1 statistician, \$1,600. 1 clerk, \$1,200 (temporary). Traveling expenses..... 2,100.00 Supplies and equipment..... 8,120.00 Miscellaneous expenses..... 1,040.00 Total estimate, 1917..... 33,140.00 Total appropriation, 1916..... 40,160.00 Decrease (by transfer of 1 proof reader at \$1,400, 1 draftsman at \$1,500, 1 draftsman at \$1,000, 1 artist at \$1,200, 1 negative cutter at \$1,200, and 1 blue printer at \$720 to statutory roll)..... 7,020.00</p>	<p>Miscellaneous forest investigations, 1915, \$40,160.</p> <p>Salaries..... \$28,701.79 As follows: In Washington— 1 editor, \$3,200. 1 assistant editor, \$2,000 (4½ months). 1 information editor, \$2,000 (5½ months). 1 chief of publication, \$2,400. 1 chief of geography, \$2,200. 1 forest examiner, \$2,400 (6 months). 1 forest examiner, \$1,700. 1 forest examiner, \$1 per diem (4 days). 1 civil engineer, \$2,000. 1 assistant in forest education, \$1,800. 1 statistician, \$1,600. 1 proofreader, \$1,400. 1 land law clerk, \$1,400 (4½ months). 1 clerk, \$1,200. 1 clerk, \$720 (2½ months). 1 draftsman, \$1,500. 1 draftsman, \$1,200. 1 draftsman, \$1,000. 1 lithographic map engraver, \$1,600. 1 negative cutter, \$1,200. 1 artist, \$1,200. Traveling expenses..... 1,928.88 Supplies and equipment..... 6,932.46 Miscellaneous expenses..... 491.10 Total expenditures, 1915..... 38,054.23</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
General Expenses, Forest Service—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Improvement of the national forests, 1917, \$400,000.		Improvement of the national forests, 1915, \$337,500.	
Salaries.....	\$191,326.00	Salaries.....	\$12,203.80
As follows:		As follows:	
Out of Washington—		Out of Washington—	
1 superintendent of telephone construction, \$2,000.		1 superintendent of telephone construction, \$2,000.	
1 national forest examiner, \$1,600.		1 national forest examiner, \$1,600.	
1 national forest examiner, \$1,400.		2 national forest examiners, at \$1,400 each.	
1 surveyor-draftsman, \$1,400.		1 forest examiner, \$1,400 (4 days).	
1 topographic draftsman, \$1,300 (temporary).		1 forest assistant, \$1,100 (1 month).	
11 assistant forest rangers, at \$1,100 each (1 month).		9 assistant forest rangers, at \$1,100 each (1½ months).	
1 telephone expert, \$1,800.		52 forest guards, at \$900 each (1½ months).	
2 telephone experts, at \$5 per diem each (2 days).		1 forest guard, \$780 (18 days).	
1 telephone expert, \$3 per diem.		4 forest guards, at \$720 each (½ month).	
53 forest guards, at \$700 to \$1,100 each (temporary).		1 forest guard, \$12 (½ month).	
1 contractor, \$5 per diem (90 days).		1 clerk, \$1,200 (½ month).	
48 building mechanics, at \$2.50 to \$7 per diem each (temporary).			
1 temporary painter, \$4 per diem.			
18 teamsters, at \$3 to \$6 per diem each (temporary).			
3,584 carpenters, linemen, packers, cooks, and laborers, at \$1 to \$6 per diem each (temporary).			
Traveling expenses.....	5,851.00	Traveling expenses.....	7,589.61
Supplies and equipment.....	128,821.00	Supplies and equipment.....	117,377.91
Miscellaneous expenses.....	74,002.00	Miscellaneous expenses.....	198,582.35
Total estimate, 1917.....	400,000.00	Total expenditures, 1915.....	335,753.67
Total appropriation, 1916.....	400,000.00		
CONSTRUCTION WORK.		CONSTRUCTION WORK.	
The records in the Forest Service show the average unit cost of construction (including maintenance) work now on the national forests to be approximately as follows:		This appropriation was expended for construction and maintenance work approximately as follows:	
Roads.....per mile..	\$397	242 miles roads on national forests.....	\$16,365.97
Trails.....do.....	53	1,733 miles trails on national forests.....	67,072.33
Telephone lines.....do.....	53	2,286 miles telephone lines on national forests.....	112,138.44
Fire breaks.....do.....	80	166 miles fire breaks on national forests.....	5,468.72
Fences.....do.....	138	267 miles fences on national forests.....	26,056.88
Lookout structures.....each..	167	102 lookout structures on national forests.....	16,688.65
Dwellings.....do.....	356	128 cabins on national forests.....	36,712.83
Barns.....do.....	186	568 barns and other buildings on national forests.....	25,192.31
Other buildings.....do.....	68	23 corrals on national forests.....	1,226.44
Corrals.....do.....	64	40 bridges on national forests.....	4,865.55
Bridges.....do.....	350	202 water improvements on national forests..	16,686.68
Water improvements.....do.....	89	Other miscellaneous improvements on national forests.....	7,278.87
		Total.....	335,753.67
Total for Forest Service (decrease \$3,520)		\$5,549,736.00	\$5,553,256.00
BUREAU OF CHEMISTRY.			
<i>Salaries, Bureau of Chemistry—</i>			
(1) One chemist, who shall be chief of bureau (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1101, sec. 1</i>)		\$5,000.00	
(2) One chief clerk (<i>same acts</i>)		2,500.00	
(3) Three executive clerks, at \$2,000 each (<i>same acts</i>)		6,000.00	
(4) Eight clerks, class 4 (<i>same acts</i>)		14,400.00	
(5) Eleven clerks, class 3 (<i>same acts</i>)		17,600.00	
(6) One clerk (<i>same acts</i>)		1,440.00	
(7) Twelve clerks, class 2 (<i>same acts</i>)		16,800.00	
(8) One clerk (<i>same acts</i>)		1,300.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Bureau of Chemistry—Continued.</i>		
(9) Twenty-three clerks, class 1 (increase of 3 by transfer from lump fund for food and drugs) (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1101, sec. 1</i>)	\$27, 600. 00	
(10) Twelve clerks, at \$1,020 each (decrease of 1 by transfer to statutory roll of Secretary's office) (<i>same acts</i>)	12, 240. 00	
(11) Thirteen clerks, at \$1,000 each (<i>same acts</i>)	13, 000. 00	
(12) One clerk (<i>same acts</i>)	960. 00	
(13) Thirty-four clerks, at \$900 each (increase of 10 by transfer from lump fund for food and drugs, and decrease of 1 by transfer to statutory roll of Secretary's office, making a net increase of 9) (<i>same acts</i>)	30, 600. 00	
(14) One clerk (<i>same acts</i>)	840. 00	
(15) One clerk (by transfer from lump fund for food and drugs) (<i>same acts</i>)	720. 00	
(16) One food and drug inspector (<i>same acts</i>)	2, 500. 00	
(17) Two food and drug inspectors, at \$2,250 each (increase of 1 in lieu of 1 food and drug inspector at \$2,000, with increase of \$250) (<i>same acts</i>)	4, 500. 00	
NOTE.—An increase of \$250 is submitted for the inspector in charge of the station at New York. This position requires a high type of executive ability, and in order to hold a man of the requisite qualifications and experience the salary should be increased to \$2,250. This employee has been in the department eight years. During the past year he was transferred from Boston to New York, involving a large increase in his responsibilities. His change of headquarters also resulted in an advance in his living expenses.		
(18) Twelve food and drug inspectors, at \$2,000 each (decrease of 1 by change to 1 food and drug inspector at \$2,250) (<i>same acts</i>) ...	24, 000. 00	
(19) Thirteen food and drug inspectors, at \$1,800 each (<i>same acts</i>)	23, 400. 00	
(20) One food and drug inspector (<i>same acts</i>)	1, 620. 00	
(21) Eleven food and drug inspectors, at \$1,600 each (<i>same acts</i>)	17, 600. 00	
(22) Six food and drug inspectors, at \$1,400 each (increase of 2 by transfer from lump fund for food and drugs) (<i>same acts</i>)	8, 400. 00	
(23) One assistant (by transfer from lump fund for food and drugs) (<i>same acts</i>)	1, 600. 00	
(24) Four laboratory helpers, at \$1, 200 each (<i>same acts</i>)	4, 800. 00	
(25) One laboratory helper (<i>same acts</i>)	1, 020. 00	
(26) Four laboratory helpers, at \$1,000 each (<i>same acts</i>)	4, 000. 00	
(27) Four laboratory helpers, at \$960 each (<i>same acts</i>)	3, 840. 00	
(28) Three laboratory helpers, at \$900 each (<i>same acts</i>)	2, 700. 00	
(29) Six laboratory helpers, at \$840 each (<i>same acts</i>)	5, 040. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Bureau of Chemistry—Continued.</i>		
(30) Two laboratory helpers, at \$780 each (<i>R. S.</i> , p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1101, sec. 1)	\$1, 560. 00	
(31) Twenty-one laboratory helpers, messenger boys, or laborers, at \$720 each (increase of 1 by transfer from lump fund for citrus by-products) (<i>same acts</i>)	15, 120. 00	
(32) Two laboratory helpers, messenger boys, or laborers, at \$660 each (<i>same acts</i>)	1, 320. 00	
(33) Twenty-eight laboratory helpers, messenger boys, or laborers, at \$600 each (<i>same acts</i>)	16, 800. 00	
(34) One laboratory assistant (<i>same acts</i>)	1, 200. 00	
(35) One toolmaker (<i>same acts</i>)	1, 200. 00	
(36) One sampler (<i>same acts</i>)	1, 200. 00	
(37) One janitor (<i>same acts</i>)	1, 020. 00	
(38) One mechanic (by transfer from lump fund for food and drugs) (<i>same acts</i>)	1, 400. 00	
(39) One mechanic (by transfer from lump fund for citrus by-products) (<i>same acts</i>)	1, 200. 00	
(40) One mechanic (by transfer from lump fund for food and drugs) (<i>same acts</i>)	1, 020. 00	
(41) One mechanic (by transfer from lump fund for food and drugs) (<i>same acts</i>)	960. 00	
(42) One mechanic (by transfer from lump fund for food and drugs) (<i>same acts</i>)	900. 00	
(43) Two student assistants, at \$300 each (<i>same acts</i>)	600. 00	
(44) Two messengers, at \$840 each (<i>same acts</i>)	1, 680. 00	
(45) One skilled laborer (<i>same acts</i>)	1, 050. 00	
(46) One skilled laborer (<i>same acts</i>)	840. 00	
(47) Two messenger boys or laborers, at \$540 each (<i>same acts</i>)	1, 080. 00	
(48) Eleven messenger boys or laborers, at \$480 each (increase of 3 by transfer from lump fund for food and drugs) (<i>same acts</i>)	5, 280. 00	
(49) Three messenger boys or laborers, at \$420 each (<i>same acts</i>)	1, 260. 00	
(50) Two messenger boys or laborers, at \$360 each (increase of 1 by transfer from lump fund for food and drugs) (<i>same acts</i>)	720. 00	
(51) Nine charwomen, at \$240 each (<i>same acts</i>)	2, 160. 00	
Appropriations for 1907..... \$28, 260 Estimates for 1908..... \$41, 800 Appropriations for 1908..... 47, 920 Estimates for 1909..... 66, 720 Appropriations for 1909..... 66, 720 Estimates for 1910..... 83, 240 Appropriations for 1910..... 75, 560 Estimates for 1911..... 79, 360 Appropriations for 1911..... 79, 360 Estimates for 1912..... 242, 190 Appropriations for 1912..... 242, 190 Estimates for 1913..... 262, 940 Appropriations for 1913..... 254, 660 Estimates for 1914..... 274, 860 Appropriations for 1914..... 273, 860 Estimates for 1915..... 281, 500 Appropriations for 1915..... 282, 600 Estimates for 1916..... 291, 540 Appropriations for 1916..... 291, 540 Estimates for 1917..... 315, 500	\$315, 590. 00	\$291,540.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
Salaries, Bureau of Chemistry—Continued.		
NOTE.—Apparent increase, \$24,050; actual increase, \$250, as follows:		
<i>Promotion.</i>		
1 food and drug inspector from \$2,000 to \$2,250.....	\$250	
Actual increase.....		\$250.00
<i>Transfers from lump funds of this bureau, which funds have been correspondingly reduced.</i>		
3 clerks, class 1, from lump fund for food and drugs.....	\$3,600	
10 clerks, at \$900 each, from lump fund for food and drugs.....	9,000	
1 clerk, from lump fund for food and drugs.....	720	
2 food and drug inspectors, at \$1,400 each, from lump fund for food and drugs.....	2,800	
1 assistant, from lump fund for food and drugs.....	1,600	
1 laboratory helper, messenger boy or laborer, from lump fund for citrus by-products.....	720	
1 mechanic, from lump fund for food and drugs.....	1,400	
1 mechanic, from lump fund for citrus by-products.....	1,200	
1 mechanic, from lump fund for food and drugs.....	1,020	
1 mechanic, from lump fund for food and drugs.....	960	
1 mechanic, from lump fund for food and drugs.....	900	
3 messenger boys or laborers, at \$480 each, from lump fund for food and drugs.....	1,440	
1 messenger boy or laborer, from lump fund for food and drugs..	360	
	25,720	
<i>Transfers to statutory roll of Secretary's office and statutory roll of this bureau correspondingly reduced.</i>		
1 clerk.....	1,020	
1 clerk.....	900	
	1,920	
		23,800.00
Apparent increase.....		24,050.00
General Expenses, Bureau of Chemistry—		
(52) For all necessary expenses, for chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, for the employment of such assistants, clerks, and other persons as the Secretary of Agriculture may consider necessary for the purposes named, in the city of Washington and elsewhere, in conducting investigations, collecting, reporting, and illustrating the results of such investigations; and hereafter the Secretary of Agriculture may furnish, upon application, samples of pure sugars, naval stores, microscopical specimens, and other products to State and municipal officers, educational institutions, and other parties and charge for the same a price to cover the cost thereof, such price to be determined and established by the Secretary, and the money received from sales to be deposited in the Treasury of the United States as miscellaneous receipts; and for rent outside of the District of Columbia, for carrying out the investigations and work herein authorized, as follows:		
(53) For conducting the investigations contemplated by the act of May 15, 1862, relating to the application of chemistry to agriculture (<i>act Mar. 4, 1915, vol. 38, pp. 1101, 1102, sec. 1</i>).....		\$42,400.00
(54) For collaboration with other departments of the Government desiring chemical investigations and whose heads request the Secretary of Agriculture for such assistance, and for other miscellaneous work (<i>same act</i>).....		14,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Chemistry—Continued.</i>		
<p>(55) For investigating the character of the chemical and physical tests which are applied to American food products in foreign countries, and for inspecting the same before shipment when desired by the shippers or owners of these products intended for countries where chemical and physical tests are required before the said products are allowed to be sold therein [: <i>Provided</i>, That hereafter no certificate of results of any such inspection shall issue unless the owner or his agent shall first pay to the Secretary of Agriculture, at a price to be determined and established by the Secretary, the actual cost of the inspection, the money received to be deposited in the Treasury of the United States as miscellaneous receipts] ; and for all necessary expenses expenses in connection with such inspection and studies of methods of analysis in foreign countries (<i>act Mar. 4, 1915, vol. 38, pp. 1101, 1102, sec. 1</i>) -----</p>	\$4, 280. 00	
NOTE.—The proviso in the above item is omitted as it is continuing legislation.		
<p>(56) For investigating the preparation for market, handling, grading, packing, freezing, drying, storing, transportation, and preservation of poultry and eggs, and for experimental shipments of poultry and eggs within the United States, in cooperation with the Office of Markets and Rural Organization and the Bureau of Animal Industry [\$40,000] (<i>same act</i>) -----</p>	49, 000. 00	
NOTE.—There is an increase in this item of \$9,000. Valuable methods of handling, packing, storing, and shipping poultry and eggs have been worked out. There is a demand for a practical demonstration of these methods in many poultry-producing sections. In order to do this work properly and to continue the basic research work, the increase submitted is necessary. It is proposed to expend the additional money as follows: Salaries, \$4,800; travel, \$1,800; supplies, \$1,200; and miscellaneous, \$1,200.		
<p>(57) For investigating the handling, grading, packing, canning, freezing, storing, and transportation of fish, and for experimental shipments of fish, for the utilization of waste products, and the development of new sources of food (<i>same act</i>) -----</p>	14, 000. 00	
<p>(58) For investigating the packing, handling, storing, and shipping of oysters and other shellfish in the United States and the waters bordering on the United States (<i>same act</i>) -----</p>	5, 000. 00	
<p>(59) For the biological investigation of food and drug products and substances used in the manufacture thereof, including investigations of the physiological effects of such products on the human organism (<i>same act</i>) -----</p>	10, 000. 00	
<p>(60) For the study and improvement of methods of utilizing by-products of citrus fruits [\$10,000] (<i>same act</i>) -----</p>	8, 080. 00	
NOTE.—There is an apparent decrease in the above subappropriation of \$1,920, due to the transfer of 1 skilled laborer at \$720 and 1 mechanic at \$1,200 to the statutory roll.		
<p>(61) For investigation and experiment in the utilization, for coloring purposes, of raw materials grown or produced in the United States (<i>submitted</i>) -----</p>	20, 000. 00	
NOTE.—Manufacturers in this country have been unable to produce economically the coloring substances required in the industries, since very little scientific investigation has been directed to this end in the United States. This new item is submitted in order that practical methods for utilizing domestic products in the manufacture of dyes may be worked out and that further data may be secured concerning the coloring substances, both natural and artificial, which are found in food products. It is believed that this country can economically produce all necessary coloring substances if proper methods are developed. If allowed, this money will be expended as follows: Salaries, \$14,000; supplies, \$4,500; travel, \$500; and miscellaneous, \$1,000.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Chemistry—Continued.</i>		
(62) <i>For the purchase and equipment of a traveling laboratory (submitted)</i> \$7,500.00		
NOTE.—A traveling laboratory, consisting of a railroad car with the necessary equipment, to be used in the examination of samples of foods when campaigns are conducted in various localities, is urgently needed and will save its cost in one year by eliminating the expense of renting and fitting up temporary quarters in the various places. This \$7,500, if allowed, will be used exclusively for the purchase and equipment of the car.		
(63) For enabling the Secretary of Agriculture to carry into effect the provisions of the act of June 30, 1906, entitled "An act for preventing the manufacture, sale, or transportation of adulterated, or misbranded, or poisonous, or deleterious foods, drugs, medicines, and liquors, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks and other persons as may be considered necessary for the purposes named, and rent outside of the District of Columbia; and to cooperate with associations and scientific societies in the revision of the United States Pharmacopœia and development of methods of analysis [\$635,161] (<i>acts June 30, 1906, vol. 34, pp. 768-772, sec. 1; Mar. 4, 1915, vol. 38, p. 1102, sec. 1</i>) ----- 657,951.00		
NOTE.—The above paragraph is carried as an independent appropriation in the agricultural act for the fiscal year 1916, but, in order to make it possible to apply to it the 10 per cent transfer authority, it is made a subitem under general expenses. There is an apparent increase in the item of \$22,790, but, taking into consideration the transfer to the statutory roll of 25 employees, involving \$23,800, and the transfer to the statutory roll of the Secretary's office of 1 assistant at \$2,000, 1 laborer at \$660, and \$750 of the salary of an assistant in charge of information, involving \$3,410, there is an actual increase of \$50,000. The reasons for the increase are: (1) The great increase in the price of chemicals used in the analysis of foods and drugs, the advance in some cases being as much as 500 per cent and in many cases as much as 300 per cent. (2) A large number of cases under the Sherley amendment to the food and drugs act will come to trial next year, some of which will be strongly contested, involving additional expense. (3) The net-weight amendment will also increase the number of cases and add to the expense of enforcing the law.		
In all, for general expenses -----	\$832,211.00	\$139,680.00
Appropriations for 1907..... \$145,920 Appropriations for 1908..... ¹ 150,000 Appropriations for 1909..... ¹ 160,000 Deficiency act..... 100,000 Appropriations for 1910..... ¹ 117,540 Appropriations for 1911..... ¹ 114,000 Appropriations for 1912..... 111,480 Appropriations for 1913..... 89,280 Appropriations for 1914..... 109,280 Appropriations for 1915..... 150,680 Appropriations for 1916..... 139,680	Estimates for 1908..... ² \$145,920 Estimates for 1909..... ² 150,000 Estimates for 1910..... ² 208,890 Estimates for 1911..... ² 114,000 Estimates for 1912..... 111,480 Estimates for 1913..... 101,280 Estimates for 1914..... 114,280 Estimates for 1915..... 180,680 Estimates for 1916..... 164,080 Estimates for 1917..... ³ 832,211	
¹ Exclusive of amount provided under caption "General expenses" for enforcement of the food and drugs act. ² Exclusive of amount asked for under caption "General expenses" for enforcement of the food and drugs act. ³ Includes "Enforcement of the food and drugs act."		

11-23-99

1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 26

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
[Enforcement of the food and drugs act] —		
[For enabling the Secretary of Agriculture to carry into effect the provisions of the act of June thirtieth, nineteen hundred and six, entitled "An Act for preventing the manufacture, sale, or transportation of adulterated, or misbranded, or poisonous, or deleterious foods, drugs, medicines, and liquors, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks and other persons as may be considered necessary for the purposes named, and rent outside of the District of Columbia; and to cooperate with associations and scientific societies in the revision of the United States Pharmacopœia and development of methods and analysis]		\$635,161.00
NOTE.—The above appropriation is made a subitem under the appropriation for general expenses Bureau of Chemistry, in order to make it possible to apply to it the 10 per cent transfer authority whenever such action may be necessary.		
Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.		
Agricultural investigations, 1917, \$42,400. Salaries..... \$30,000.00 As follows: In Washington— 1 chemist in charge, \$3,500. 1 chemist in charge, \$3,000. 1 chemist in charge, \$2,520. 1 assistant chemist, \$2,040. 1 assistant chemist, \$2,000. 1 assistant chemist, \$1,920. 2 assistant chemists, at \$1,800 each. 2 assistant chemists, at \$1,620 each. 1 assistant chemist, \$1,440. 1 assistant chemist, \$1,200. 1 laboratory assistant, \$2,400. 1 junior chemist, \$1,440. 2 junior chemists, at \$1,200 each. 1 chemist's aid, \$900. Traveling expenses..... 2,000.00 Supplies and equipment..... 8,400.00 Miscellaneous expenses..... 2,000.00 Total estimate, 1917..... 42,400.00 Total appropriation, 1916..... 42,400.00	Agricultural investigations, 1915, \$52,400; plus \$1,000 by transfer from biological investigations and \$1,500 from fish investigations; total, \$54,900. Salaries..... \$36,514.33 As follows: In Washington— 1 chemist in charge, \$3,500. 1 chemist in charge, \$3,000. 1 chemist in charge, \$2,520. 1 assistant chemist, \$2,040. 1 assistant chemist, \$2,000. 1 assistant chemist, \$1,920. 4 assistant chemists, at \$1,800 each. 2 assistant chemists, at \$1,620 each. 1 assistant chemist, \$1,440. 2 assistant chemists, at \$1,200 each. 1 potato specialist, \$300 per month (4 months). 1 laboratory assistant, \$2,400. 1 junior engineer (plant testing machine), \$1,500. 1 junior chemist, \$1,440. 3 junior chemists, at \$1,200 each. 1 soil chemist, \$1,200. 1 clerk, \$1,200. 1 chemist's aid, \$900. 1 unskilled laborer, \$480. Out of Washington— 1 scientific assistant, \$2,000. 1 assistant chemist, \$1,800. 1 general mechanic, \$1,200. 1 skilled laborer, \$720. Traveling expenses..... 2,754.82 Supplies and equipment..... 10,779.24 Miscellaneous expenses..... 2,724.35 Total expenditures, 1915..... 52,772.74	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Chemistry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Collaboration with other departments, 1917, \$14,000.		Collaboration with other departments, 1915, \$14,000.	
Salaries.....	\$9,200.00	Salaries.....	\$9,047.08
As follows:		As follows:	
In Washington—		In Washington—	
1 assistant chemist, \$2,280.		1 assistant chemist, \$2,280.	
2 assistant chemists, at \$1,800 each.		2 assistant chemists, at \$1,800 each.	
1 assistant chemist, \$1,620.		1 assistant chemist, \$1,620.	
1 junior mining engineer, \$1,800.		1 junior mining engineer, \$1,800.	
1 medico-chemical analyst, \$2,040.		1 medico-chemical analyst, \$2,040.	
1 micro-analyst, \$1,620.		1 micro-analyst, \$1,620.	
Out of Washington—		Out of Washington—	
1 assistant chemist, \$1,800.		1 assistant chemist, \$1,800.	
Traveling expenses.....	2,700.00	1 collaborating clerk, \$150 per annum.	
Supplies and equipment.....	1,600.00	Traveling expenses.....	2,542.16
Miscellaneous expenses.....	500.00	Supplies and equipment.....	1,413.55
		Miscellaneous expenses.....	117.79
Total estimate, 1917.....	14,000.00	Total expenditures, 1915.....	13,120.58
Total appropriation, 1916.....	14,000.00		
American food products, 1917, \$4,280.		American food products, 1915, \$4,280.	
Salaries.....	\$4,080.00	Salaries.....	\$4,080.00
As follows:		As follows:	
Out of Washington—		Out of Washington—	
2 assistant chemists, at \$1,440 each.		2 assistant chemists, at \$1,440 each.	
1 assistant chemist, at \$1,200.		1 assistant chemist, \$1,200.	
Supplies and equipment.....	200.00	Supplies and equipment.....	149.87
Total estimate, 1917.....	4,280.00	Total expenditures, 1915.....	4,229.87
Total appropriation, 1916.....	4,280.00		
Poultry and egg investigations, 1917, \$49,000.		Poultry and egg investigations, 1915, \$50,000.	
Salaries.....	\$27,000.00	Salaries.....	\$25,893.52
As follows:		As follows:	
Out of Washington—		Out of Washington—	
1 chief of laboratory, \$3,250.		1 chief of laboratory, \$3,250.	
1 investigator in poultry and egg handling, \$2,520.		1 investigator in poultry and egg handling, \$2,520.	
1 investigator in poultry and egg handling, \$2,040.		1 investigator in poultry and egg handling, \$2,040.	
2 investigators in poultry and egg handling, at \$1,440 each.		2 investigators in poultry and egg handling, at \$1,440 each.	
2 investigators in poultry and egg handling, at \$1,200 each.		2 investigators in poultry and egg handling, at \$1,200 each.	
2 investigators in poultry and egg handling, at \$1,020 each.		1 investigator in poultry and egg handling, \$1,020.	
1 bacteriologist, \$1,620.		1 bacteriologist, \$1,620.	
1 assistant bacteriologist, \$1,800.		1 assistant bacteriologist, \$1,800.	
1 assistant chemist, \$2,280.		1 assistant chemist, \$2,280.	
2 assistant chemists, at \$2,040 each.		2 assistant chemists, at \$2,040 each.	
2 assistant chemists, at \$1,800 each.		1 assistant chemist, \$1,800.	
1 assistant chemist, \$1,620.		1 assistant chemist, \$1,620.	
1 aid in poultry and egg handling, \$720 (temporary).		1 chemical bacteriologist, \$1,620.	
1 artist, at \$9 per diem, when actually employed.		1 micro-analyst, \$7 per diem, when actually employed.	
1 collaborator, \$300.		1 aid in poultry and egg handling, \$720.	
Traveling expenses.....	9,000.00	1 artist, \$9 per diem, when actually employed.	
Supplies and equipment.....	6,500.00	1 clerk, \$6 per diem, when actually employed.	
Miscellaneous expenses.....	6,500.00	1 collaborating clerk, \$300.	
		Traveling expenses.....	9,053.68
Total estimate, 1917.....	49,000.00	Supplies and equipment.....	5,098.32
Total appropriation, 1916.....	40,000.00	Miscellaneous expenses.....	6,008.64
Increase.....	9,000.00	Total expenditures, 1915.....	46,054.16

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Chemistry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Fish investigations, 1917, \$14,000.		Fish investigations, 1915, \$15,000; less \$1,500 by transfer to agricultural investigations; net amount, \$13,500.	
Salaries.....	\$7,000.00	Salaries.....	\$5,666.39
As follows:		As follows:	
Out of Washington—		Out of Washington—	
1 investigator in fish and fish products, \$2,280.		1 investigator in fish and fish products, \$2,280.	
1 assistant chemist, \$1,440.		1 assistant chemist, \$1,620.	
1 assistant chemist, \$1,200.		1 junior bacteriologist, \$1,200.	
1 junior bacteriologist, \$1,200.		1 clerk, \$1,000.	
1 chemist's aid, \$900.		1 chemist's aid, \$900.	
		1 micro-analyst, \$7 per diem, when actually employed.	
		1 unskilled laborer, \$50 per month.	
Traveling expenses.....	2,500.00	Traveling expenses.....	2,809.19
Supplies and equipment.....	3,000.00	Supplies and equipment.....	2,707.91
Miscellaneous expenses.....	1,500.00	Miscellaneous expenses.....	1,489.29
Total estimate, 1917.....	14,000.00	Total expenditures, 1915.....	12,672.78
Total appropriation, 1916.....	14,000.00		
Oyster and other shellfish investigations, 1917, \$5,000.		Oyster and other shellfish investigations, 1915, \$5,000.	
Salaries.....	\$2,500.00	Salaries.....	\$2,437.33
As follows:		As follows:	
In Washington—		In Washington—	
1 bacteriologist, \$2,040 (part time).		1 bacteriologist, \$2,040 (part time).	
Out of Washington—		Out of Washington—	
1 bacteriologist, \$1,440.		1 bacteriologist, \$1,440.	
		1 unskilled laborer, \$10 per month (temporary).	
Traveling expenses.....	1,250.00	Traveling expenses.....	1,182.16
Supplies and equipment.....	850.00	Supplies and equipment.....	795.56
Miscellaneous expenses.....	400.00	Miscellaneous expenses.....	397.78
Total estimate, 1917.....	5,000.00	Total expenditures, 1915.....	4,812.83
Total appropriation, 1916.....	5,000.00		
Biological investigations, 1917, \$10,000.		Biological investigations, 1915, \$10,000; less \$1,000 by transfer to agricultural investigations; net amount, \$9,000.	
Salaries.....	\$7,000.00	Salaries.....	\$3,901.66
As follows:		As follows:	
In Washington—		In Washington—	
1 chemist in charge, \$3,000.		1 organic chemist, \$2,500 (part time).	
1 organic chemist, \$1,800.		1 organic chemist, \$1,800.	
1 organic chemist, \$1,620.		1 organic chemist, \$1,620 (part time).	
1 chemist's aid, \$720.			
		Out of Washington—	
		1 agent, \$1,200.	
Traveling expenses.....	500.00	Traveling expenses.....	246.28
Supplies and equipment.....	2,250.00	Supplies and equipment.....	2,002.35
Miscellaneous expenses.....	250.00	Miscellaneous expenses.....	33.23
Total estimate, 1917.....	10,000.00	Total expenditures, 1915.....	6,183.52
Total appropriation, 1916.....	10,000.00		
Citrus by-products investigations, 1917, \$8,080.		No appropriation for 1915.	
Salaries.....	\$6,000.00		
As follows:			
Out of Washington—			
1 chemist in charge, \$3,000.			
1 assistant chemist, \$2,040.			
1 junior chemist, \$1,200.			
Traveling expenses.....	850.00		
Supplies and equipment.....	1,000.00		
Miscellaneous expenses.....	230.00		
Total estimate, 1917.....	8,080.00		
Total appropriation, 1916.....	10,000.00		
Decrease (by transfer of 1 mechanic, at \$1,200, and 1 skilled laborer, at \$720, to the statutory roll).....	1,920.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Chemistry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
<p align="center">Color investigations, 1917, \$20,000.</p> <hr/> Salaries..... \$14,000.00 As follows: In Washington— 1 chemist in charge, \$2,760. 1 assistant chemist, \$2,040. 1 assistant chemist, \$1,800. 1 assistant chemist, \$1,620. 2 junior chemists, at \$1,440 each. 2 junior chemists, at \$1,200 each. 1 chemist's aid, \$720. Traveling expenses..... 500.00 Supplies and equipment..... 4,500.00 Miscellaneous expenses..... 1,000.00 Total estimate, 1917..... 20,000.00 NOTE.—No appropriation for 1916.	<p align="center">No appropriation for 1915.</p> <hr/>	
<p align="center">Purchase and equipment of traveling laboratory, 1917, \$7,500.</p> <hr/> Purchase and equipment..... \$7,500.00 Total estimate, 1917..... 7,500.00 NOTE.—No appropriation for 1916.	<p align="center">No appropriation for 1915.</p> <hr/>	
<p align="center">Enforcement of the food and drugs act, 1917, \$657,951.</p> <hr/> Salaries..... \$462,990.00 As follows: In Washington— 2 assistant chiefs of bureau, at \$4,000 each. 1 chief of district, \$3,500. 2 chemists in charge, at \$4,000 each. 1 chemist in charge, \$3,750. 2 chemists in charge, at \$3,500 each. 2 chemists in charge, at \$3,250 each. 2 chemists in charge, at \$3,000 each. 1 chemist in charge, \$2,520. 1 administrative assistant, \$4,000 (chemist). 1 administrative assistant, \$3,000 (chemist). 1 pharmacologist in charge, \$3,250. 1 chief of laboratory, \$3,000. 1 chief of laboratory, \$2,250. 1 chief of laboratory, \$2,000. 1 microscopist in charge, \$3,000. 1 mycologist in charge, \$3,000. 1 pharmacognocist in charge, \$3,000. 1 junior pharmacognocist, \$1,620. 1 assistant chief of district, \$2,520. 1 food investigation chemist, \$2,520. 2 food investigation chemists, at \$2,280 each. 3 assistant chemists, at \$2,520 each. 1 assistant chemist, \$2,280. 9 assistant chemists, at \$2,040 each. 1 assistant chemist, \$1,920. 10 assistant chemists, at \$1,800 each. 15 assistant chemists, at \$1,620 each. 4 assistant chemists, at \$1,440 each. 4 assistant chemists, at \$1,200 each. 1 junior chemist, \$2,520. 1 junior chemist, \$2,500. 1 junior chemist, \$1,740. 2 junior chemists, at \$1,620 each. 8 junior chemists, at \$1,440 each. 10 junior chemists, at \$1,200 each. 1 physiological chemist, \$2,280. 1 investigator in physical chemistry, \$2,280. 1 medical assistant, \$1,800. 1 junior physical chemist, \$1,800. 1 pharmaceutical chemist, \$1,800. 1 pharmaceutical chemist, \$1,620. 1 bacteriological chemist, \$1,620. 1 bio-chemist, \$1,620. 1 junior pharmacologist, \$1,500. 3 junior pharmacologists, at \$1,440 each. 1 bacteriologist, \$2,040. 2 bacteriologists, at \$2,000 each. 1 bacteriologist, \$1,440. 1 bacteriologist, \$1,200. 3 junior bacteriologists, at \$1,200 each. 2 organic chemists, at \$2,500 each. 1 organic chemist, \$2,040. 6 organic chemists, at \$1,800 each.	<p align="center">Enforcement of the food and drugs act, 1915, \$644,301.</p> <hr/> Salaries..... \$398,010.59 As follows: In Washington— 1 assistant chief of bureau, \$4,000. 1 chief of district, \$3,500. 1 chief of division, \$4,000. 1 chemist in charge, \$4,000. 1 chemist in charge, \$3,750. 2 chemists in charge, at \$3,500 each. 2 chemists in charge, at \$3,250 each. 2 chemists in charge, at \$3,000 each. 1 chemist in charge, \$2,520. 1 administrative assistant, \$4,000. 1 administrative assistant, \$2,520. 1 pharmacologist in charge, \$3,250. 1 chief of laboratory, \$3,000. 1 chief of laboratory, \$2,250. 1 chief of laboratory, \$2,000. 1 microscopist in charge, \$3,000. 1 mycologist in charge, \$3,000. 1 pharmacognocist in charge, \$3,000. 1 junior pharmacognocist, \$1,620. 1 assistant chief of district, \$2,520. 1 food-investigation chemist, \$2,520. 2 food-investigation chemists, at \$2,280 each. 3 assistant chemists, at \$2,520 each. 1 assistant chemist, \$2,280. 9 assistant chemists, at \$2,040 each. 1 assistant chemist, \$1,920. 10 assistant chemists, at \$1,800 each. 15 assistant chemists, at \$1,620 each. 4 assistant chemists, at \$1,440 each. 4 assistant chemists, at \$1,200 each. 1 junior chemist, \$2,520. 1 junior chemist, \$2,500. 1 junior chemist, \$1,740. 2 junior chemists, at \$1,620 each. 3 junior chemists, at \$1,440 each. 4 junior chemists, at \$1,200 each. 1 physiological chemist, at \$2,280. 1 investigator in physical chemistry, \$2,280. 1 medical assistant, \$1,800. 1 junior physical chemist, \$1,800. 1 pharmaceutical chemist, \$1,800. 1 pharmaceutical chemist, \$1,620. 1 bacteriological chemist, \$1,620. 1 bio-chemist, \$1,620. 1 junior pharmacologist, \$1,500. 3 junior pharmacologists, at \$1,440 each. 1 bacteriologist, \$2,040. 2 bacteriologists, at \$2,000 each. 1 bacteriologist, \$1,440. 1 bacteriologist, \$1,200. 1 organic chemist, \$2,500. 1 organic chemist, \$2,040. 4 organic chemists, at \$1,800 each. 1 chemical aid, \$2,040. 1 food and drug inspector (medical assistant), \$2,040.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Chemistry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Enforcement of the food and drugs act, 1917, \$657,951.	Enforcement of the food and drugs act, 1915, \$644,301.	
<p>In Washington—Continued.</p> <ul style="list-style-type: none"> 1 chemical aid, \$2,040. 1 food and drug inspector (medical assistant), \$2,040. 1 medico-chemical analyst, \$2,040. 1 micro-analyst, \$2,040. 2 micro-analysts, at \$1,620 each. 1 scientific assistant, \$2,040. 1 scientific assistant, \$1,800. 1 scientific assistant, \$1,620. 1 scientific assistant, \$1,440. 1 mycologist in fermentation investigations, \$1,800. 1 soil bio-chemist, \$1,440. 1 laboratory assistant, \$1,200. 5 chemist's aids, at \$720 each. 1 laboratory technician, \$900. <p>Out of Washington—</p> <ul style="list-style-type: none"> 1 chief of district, \$4,000. 1 chief of district, \$3,250. 1 chemist in charge, \$4,000. 2 chemists in charge, at \$3,000 each. 1 chemist in charge, \$2,760. 1 chemist in charge, \$2,640. 6 chemists in charge, at \$2,520 each. 1 chemist in charge, \$2,280. 1 chemist in charge, \$2,040. 2 chemists in charge, at \$1,800 each. 1 food-inspection chemist, \$3,000. 1 food-inspection chemist, \$2,760. 1 food-inspection chemist, \$2,280. 1 assistant chemist, \$2,520. 2 assistant chemists, at \$2,280 each. 4 assistant chemists, at \$2,040 each. 17 assistant chemists, at \$1,800 each. 21 assistant chemists, at \$1,620 each. 1 assistant chemist, \$1,500. 3 assistant chemists, at \$1,440 each. 4 assistant chemists, at \$1,200 each. 1 assistant chemist, \$7 per diem, when actually employed. 1 assistant chemist, \$6 per diem, when actually employed. 1 drug-inspection chemist, \$2,520. 1 bacteriologist, \$2,500. 1 bacteriologist, \$2,040. 1 fermentation chemist, \$2,280. 1 dairy chemist, \$1,800. 1 assistant, \$2,600. 1 scientific assistant, \$1,800. 1 scientific assistant, \$8 per diem, when actually employed. 7 junior chemists, at \$1,440 each. 15 junior chemists, at \$1,200 each. 1 bacteriological chemist, \$10 per diem, when actually employed. 1 pharmacognocist, \$10 per diem, when actually employed. 1 pharmacognocist, \$9 per diem, when actually employed. 	<p>In Washington—Continued.</p> <ul style="list-style-type: none"> 1 medico-chemical analyst, \$2,040. 1 micro-analyst, \$2,040. 2 micro-analysts, at \$1,620 each. 1 scientific assistant, \$2,040. 1 scientific assistant, \$1,800. 1 scientific assistant, \$1,620. 1 scientific assistant, \$1,440. 1 chief of office of information, \$3,000 (part time). 1 assistant chief of office of information, \$2,000. 1 mycologist in fermentation investigations, \$1,800. 1 executive clerk, \$2,000. 1 clerk, \$1,800. 3 clerks, at \$1,200 each. 14 clerks, at \$900 each. 2 clerks, at \$720 each. 1 assistant, \$1,600. 4 computers, at \$1,440 each (temporary). 1 soil bio-chemist, \$1,440. 1 editorial clerk, \$1,200. 1 laboratory assistant, \$1,200. 5 chemist's aids, at \$720 each. 1 mechanic, \$1,400. 1 machinist, \$1,200. 1 laboratory technician, \$900. 1 plumber, \$1,020. 1 plumber, \$4 per diem, when actually employed. 1 carpenter, \$960. 5 carpenters, at \$3.50 per diem each, when actually employed. 2 carpenters, at \$3 per diem each, when actually employed. 1 machinist (toolmaker), \$900. 1 preparator in biology, \$600 (temporary). 1 balance repairer, \$9 per diem, when actually employed. 1 watchman, \$720. 2 laboratory helpers, at \$600 each. 1 unskilled laborer, \$660. 1 unskilled laborer, \$600. 3 unskilled laborers, at \$480 each. 2 unskilled laborers, at \$420 each (temporary). 2 messenger boys, at \$360 each. 4 student assistants, at \$300 each. 1 collaborator, \$25 per month. 1 charwoman, \$240. <p>Out of Washington—</p> <ul style="list-style-type: none"> 1 chief of district, \$4,000. 1 chief of district, \$3,250. 1 chemist in charge, \$4,000. 2 chemists in charge, at \$3,000 each. 1 chemist in charge, \$2,760. 1 chemist in charge, \$2,640. 6 chemists in charge, at \$2,520 each. 1 chemist in charge, \$2,280. 1 chemist in charge, \$2,040. 2 chemists in charge, at \$1,800 each. 1 food-inspection chemist, \$3,000. 1 food-inspection chemist, \$2,760. 1 food-inspection chemist, \$2,280. 1 assistant chemist, \$2,520. 2 assistant chemists, at \$2,280 each. 4 assistant chemists, at \$2,040 each. 17 assistant chemists, at \$1,800 each. 21 assistant chemists, at \$1,620 each. 1 assistant chemist, \$1,500. 3 assistant chemists, at \$1,440 each. 4 assistant chemists, at \$1,200 each. 1 assistant chemist, \$7 per diem, when actually employed. 1 assistant chemist, \$6 per diem, when actually employed. 1 drug-inspection chemist, \$2,520. 1 bacteriologist, \$2,500. 1 bacteriologist, \$2,040. 1 fermentation chemist, \$2,280. 1 dairy chemist, \$1,800. 1 assistant, \$2,000. 1 scientific assistant, \$1,800. 1 scientific assistant, \$8 per diem, when actually employed. 2 junior chemists, at \$1,440 each. 9 junior chemists, at \$1,200 each. 1 bacteriological chemist, \$10 per diem, when actually employed. 1 pharmacognocist, \$10 per diem, when actually employed. 1 pharmacognocist, \$9 per diem, when actually employed. 	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Chemistry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Enforcement of the food and drugs act, 1917, \$657,951.	Enforcement of the food and drugs act, 1915, \$644,301.		
Out of Washington—Continued. 1 expert, \$9 per diem, when actually employed. 4 experts, at \$8 per diem each, when actually employed. 1 junior bacteriologist, \$1,080. 5 food-and-drug-inspection chemists, at \$8 per diem, when actually employed. 7 food-and-drug-inspection chemists, at \$9 per diem, when actually employed. 1 assistant pharmacologist, \$5 per diem, when actually employed. 1 special agent, \$9 per diem, when actually employed. 5 special agents, at \$8 per diem each, when actually employed. 1 special agent, \$6 per diem, when actually employed. 42 collaborating chemists, at \$3 per diem each, when actually employed. 2 collaborating chemists, at \$1 per annum each. 1 chemist's aid, \$720 (temporary). 7 collaborators, at \$300 each.	Out of Washington—Continued. 1 expert, \$9 per diem, when actually employed. 4 experts, at \$8 per diem each, when actually employed. 1 junior bacteriologist, \$1,080. 5 food-and-drug-inspection chemists, at \$8 per diem, when actually employed. 7 food-and-drug-inspection chemists, at \$9 per diem, when actually employed. 1 assistant pharmacologist, \$5 per diem, when actually employed. 1 special agent, \$9 per diem, when actually employed. 5 special agents, at \$8 per diem each, when actually employed. 1 special agent, \$6 per diem, when actually employed. 42 collaborating chemists, at \$3 per diem each, when actually employed. 2 collaborating chemists, at \$1 per annum each. 1 food and drug inspector, \$1,400. 1 clerk, \$1,200. 6 clerks, at \$900 each. 1 clerk, \$720. 1 chemist's aid, \$720. 1 laboratory helper, \$600. 1 skilled laborer, \$480. 1 agent, \$840. 7 collaborators, at \$300 each. 1 unskilled laborer, \$600. 1 unskilled laborer, \$480.		
Traveling expenses.....	\$75,000.00		
Supplies and equipment.....	70,000.00		
Miscellaneous expenses.....	49,961.00		
Total estimate, 1917.....	657,951.00		
Total appropriation, 1916.....	635,161.00		
Increase (but as 3 clerks, class 1; 10 clerks, at \$900 each; 1 clerk, \$720; 2 food and drug inspectors, at \$1,400 each; 1 assistant, at \$1,600; 1 mechanic, at \$1,400; 1 mechanic, at \$1,020; 1 mechanic, at \$960; 1 mechanic, at \$900; 3 messenger boys or laborers, at \$480 each; and 1 messenger boy or laborer, at \$360; have been transferred to the statutory roll of Bureau of Chemistry; and 1 assistant (part salary), \$750; 1 assistant, \$2,000; and 1 unskilled laborer, \$660, have been transferred to statutory roll of Secretary's office, the actual increase is \$50,000).....	22,790.00		
Total for Bureau of Chemistry (increase \$81,420)		\$1, 147, 801. 00	\$1, 066, 381. 00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<p style="text-align: center;">BUREAU OF SOILS.</p> <p><i>Salaries, Bureau of Soils—</i></p>		
(1) One soil physicist, who shall be chief of bureau (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1103, sec. 1</i>)	\$4,000.00	
(2) One chief clerk (<i>same acts</i>)	2,000.00	
(3) One executive assistant (<i>same acts</i>)	2,000.00	
(4) Four clerks, class 4 (<i>same acts</i>)	7,200.00	
(5) Two clerks, class 3 (<i>same acts</i>)	3,200.00	
(6) Five clerks, class 2 (<i>same acts</i>)	7,000.00	
(7) One clerk (<i>same acts</i>)	1,260.00	
(8) Eight clerks, class 1 (<i>same acts</i>)	9,600.00	
(9) Five clerks, at \$1,000 each (<i>same acts</i>)	5,000.00	
(10) Five clerks, at \$900 each (increase of 2 by transfer from lump funds for chemical investigations and classification of agricultural lands) (<i>same acts</i>)	4,500.00	
(11) One soil cartographer (<i>same acts</i>)	1,800.00	
(12) One chief draftsman (<i>same acts</i>)	1,600.00	
(13) One soil bibliographer or draftsman (<i>same acts</i>)	1,400.00	
(14) One photographer (<i>same acts</i>)	1,200.00	
(15) Five draftsmen, at \$1,200 each (<i>same acts</i>)	6,000.00	
(16) One clerk-draftsman (<i>same acts</i>)	1,200.00	
(17) Two draftsmen, at \$1,000 each (increase of 1 by transfer from lump fund for classification of agricultural lands) (<i>same acts</i>) ..	2,000.00	
(18) One laboratory helper (by transfer from lump fund for physical investigations) (<i>same acts</i>)	1,000.00	
(19) Two laboratory helpers, at \$840 each (by transfer from lump funds for chemical investigations and physical investigations) (<i>same acts</i>)	1,680.00	
(20) One instrument maker (by transfer of 1 machinist at \$1,200 from lump fund for physical investigations, with change of title) (<i>same acts</i>)	1,200.00	
<p>NOTE.—This change in designation is recommended in order to have the title of this employee conform more closely to the character of the work performed.</p>		
(21) One machinist's helper (by transfer of 1 plumber's helper at \$900 from lump fund for investigation of fertilizer resources, with change of title) (<i>same acts</i>)	900.00	
<p>NOTE.—This change in designation is recommended in order to have the title of this employee conform more closely to the character of the work performed.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Bureau of Soils—Continued.</i>		
(22) One messenger (<i>R. S.</i> , p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1103, sec. 1) -----	\$840. 00	
(23) Three messengers, messenger boys, or laborers, at \$480 each (<i>same acts</i>) -----	1, 440. 00	
(24) Two laborers, at \$600 each (<i>same acts</i>) -----	1, 200. 00	
(25) One laborer (<i>same acts</i>) -----	300. 00	
(26) One charwoman or laborer (<i>same acts</i>) -----	480. 00	
	<hr/>	
	\$70, 000. 00	\$62, 420. 00
Appropriations for 1907..... \$36, 460	Estimates for 1908..... \$37, 240	
Appropriations for 1908..... 36, 980	Estimates for 1909..... 40, 600	
Appropriations for 1909..... 34, 700	Estimates for 1910..... 34, 500	
Appropriations for 1910..... 35, 500	Estimates for 1911..... 37, 420	
Appropriations for 1911..... 37, 420	Estimates for 1912..... 52, 020	
Appropriations for 1912..... 48, 320	Estimates for 1913..... 57, 330	
Appropriations for 1913..... 50, 540	Estimates for 1914..... 57, 420	
Appropriations for 1914..... 53, 620	Estimates for 1915..... 59, 420	
Appropriations for 1915..... 60, 820	Estimates for 1916..... 62, 420	
Appropriations for 1916..... 62, 420	Estimates for 1917..... 70, 000	
NOTE.—Apparent increase, \$7,580; no actual increase, as follows:		
<i>Transfers from lump funds of this bureau, which funds have been correspondingly reduced.</i>		
2 clerks, at \$900 each, from chemical investigations and classification of agricultural lands.....	\$1, 800	
1 draftsman, from classification of agricultural lands.....	1, 000	
1 laboratory helper, from physical investigations.....	1, 000	
2 laboratory helpers, at \$540 each, from chemical investigations and physical investigations.....	1, 680	
1 instrument maker, from physical investigations.....	1, 200	
1 machinist's helper, from investigations of fertilizer resources.....	900	
	<hr/>	
Apparent increase.....	7, 580	
<i>Change of title.</i>		
1 instrument maker, at \$1,200, in lieu of 1 machinist, at \$1,200, from lump fund.		
1 machinist's helper, at \$900, in lieu of 1 plumber's helper, at \$900, from lump fund.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Soils.</i>		
(27) For all necessary expenses connected with the investigations and experiments hereinafter authorized, including the employment of investigators, local and special agents, assistants, experts, clerks, draftsmen, and labor in the city of Washington and elsewhere; official traveling expenses, materials, tools, instruments, apparatus, repairs to apparatus, chemicals, furniture, office fixtures, stationery, gas, electric current, telegraph and telephone service, express and freight charges, rent outside of the District of Columbia, and for all other necessary supplies and expenses, as follows:		
(28) For chemical investigations of soil types, soil composition and soil minerals, the soil solution, solubility of soil and all chemical properties of soils in their relation to soil formation, soil texture, and soil productivity, including all routine chemical work in connection with the soil survey [\$22,350] (act Mar. 4, 1915, vol. 38, p. 1103, sec. 1) -----	\$20,610.00	
NOTE.—There is an apparent decrease in this item of \$1,740, due to the transfer of one clerk at \$900 and one laboratory helper at \$840 to the statutory roll.		
(29) For physical investigations of the important properties of soil which determine productivity, such as moisture relations, aeration, heat conductivity, texture, and other physical investigations of the various soil classes and soil types [\$15,265] (same act) -----	12,225.00	
NOTE.—There is an apparent decrease in this item of \$3,040, due to the transfer of one laboratory helper at \$1,000, one laboratory helper at \$840, and one machinist at \$1,200 to the statutory roll.		
(30) For exploration and investigation within the United States to determine possible sources of supply of potash, nitrates, and other natural fertilizers [\$36,500] (same act) -----	35,600.00	
NOTE.—There is an apparent decrease in this item of \$900, due to the transfer of one plumber's helper at \$900 to the statutory roll.		
(31) For the investigation of soils, in cooperation with other branches of the Department of Agriculture, other departments of the Government, State agricultural experiment stations, and other State institutions, and for indicating upon maps and plats, by coloring or otherwise, the results of such investigations [\$168,200] (same act) -----	198,200.00	
NOTE.—An increase of \$30,000 is submitted. During the fiscal year 1915, soil survey work was conducted in the States of Alabama, Arkansas, California, Delaware, Florida, Georgia, Idaho, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Jersey, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Carolina, Texas, Vermont, Virginia, Washington, West Virginia, and Wisconsin, and about 50,550 square miles were surveyed. Cooperative work was carried on in the States of Alabama, Arkansas, California, Delaware, Georgia, Idaho, Indiana, Iowa, Maryland, Mississippi, Missouri, Nebraska, New Jersey, New York, North Carolina, North Dakota, Ohio, Pennsylvania, Washington, West Virginia, and Wisconsin. The cooperating States contribute in salaries and field expenses an amount approximately equal to that paid by the bureau. It will thus be seen that this cooperation means nearly double the results for each dollar of appropriation expended. During the past year it has been necessary to decline cooperation with a number of States on account of lack of funds. The small increase recommended is not sufficient to meet all demands, but it will enable the bureau to meet cooperation in part.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.																																								
<i>General Expenses, Bureau of Soils—Continued.</i>																																										
(32) For the examination and classification of agricultural lands in forest reserves, in cooperation with the Forest Service 【\$20,000】 (<i>act Mar. 4, 1915, vol. 38, p. 1103, sec. 1</i>) -----	\$18, 100. 00																																									
NOTE.—There is an apparent decrease in the above subappropriation of \$1,900, due to the transfer of one clerk at \$900 and one draftsman at \$1,000 to the statutory roll.																																										
(33) For general administrative expenses connected with the above-mentioned lines of investigation 【\$3,200】 (<i>same act</i>) -----	4, 000. 00																																									
NOTE.—There is an increase of \$800 in this item. This amount is desired for the purchase of stationery, furniture, and office equipment, to pay telegraph, telephone, express, freight, and drayage charges, for miscellaneous expenses incident to the operation of the offices and laboratories, and for the employment of laborers for temporary periods. The present appropriation is entirely inadequate to cover these expenses.																																										
In all, for general expenses -----	\$288,735.00	\$265,515.00																																								
<table><tr><td>Appropriations for 1907.....</td><td>\$185,000</td><td>Estimates for 1908.....</td><td>\$200,000</td></tr><tr><td>Appropriations for 1908.....</td><td>170,000</td><td>Estimates for 1909.....</td><td>200,000</td></tr><tr><td>Appropriations for 1909.....</td><td>200,000</td><td>Estimates for 1910.....</td><td>252,600</td></tr><tr><td>Appropriations for 1910.....</td><td>197,360</td><td>Estimates for 1911.....</td><td>193,600</td></tr><tr><td>Appropriations for 1911.....</td><td>193,600</td><td>Estimates for 1912.....</td><td>228,700</td></tr><tr><td>Appropriations for 1912.....</td><td>213,740</td><td>Estimates for 1913.....</td><td>284,370</td></tr><tr><td>Appropriations for 1913.....</td><td>250,880</td><td>Estimates for 1914.....</td><td>315,400</td></tr><tr><td>Appropriations for 1914.....</td><td>280,400</td><td>Estimates for 1915.....</td><td>299,020</td></tr><tr><td>Appropriations for 1915.....</td><td>299,815</td><td>Estimates for 1916.....</td><td>298,215</td></tr><tr><td>Appropriations for 1916.....</td><td>265,515</td><td>Estimates for 1917.....</td><td>288,735</td></tr></table>			Appropriations for 1907.....	\$185,000	Estimates for 1908.....	\$200,000	Appropriations for 1908.....	170,000	Estimates for 1909.....	200,000	Appropriations for 1909.....	200,000	Estimates for 1910.....	252,600	Appropriations for 1910.....	197,360	Estimates for 1911.....	193,600	Appropriations for 1911.....	193,600	Estimates for 1912.....	228,700	Appropriations for 1912.....	213,740	Estimates for 1913.....	284,370	Appropriations for 1913.....	250,880	Estimates for 1914.....	315,400	Appropriations for 1914.....	280,400	Estimates for 1915.....	299,020	Appropriations for 1915.....	299,815	Estimates for 1916.....	298,215	Appropriations for 1916.....	265,515	Estimates for 1917.....	288,735
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<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>																																										
Chemical investigations, 1917, \$20,610.	Chemical investigations, 1915, \$22,350, less \$700 by transfer to investigations of fertilizer resources; net amount, \$21,650.																																									
Salaries.....	\$15,890.00	Salaries.....																																								
As follows:		As follows:																																								
In Washington—		In Washington—																																								
1 scientist, \$3,750 (4 months).		1 scientist, \$3,750 (4 months).																																								
1 scientist, \$2,400.		1 scientist, \$2,400.																																								
1 scientist, \$2,000.		3 scientists, at \$1,800 each.																																								
2 scientists, at \$1,800 each.		1 scientist, \$1,800 (4 months).																																								
1 scientist, \$1,800 (4 months).		1 scientist, \$1,620.																																								
1 scientist, \$1,440.		1 scientist, \$1,560.																																								
2 scientists, at \$1,400 each.		1 scientist, \$1,440 (1 month).																																								
		2 scientists, at \$1,400 each.																																								
		1 clerk-typewriter, \$900 (3 months).																																								
		1 laboratory helper, \$840.																																								
Out of Washington—																																										
1 scientist, \$1,800.																																										
Traveling expenses.....	500.00	Traveling expenses.....																																								
Supplies and equipment.....	3,720.00	Supplies and equipment.....																																								
Miscellaneous expenses.....	500.00																																									
Total estimate, 1917.....	20,610.00	Total expenditures, 1915.....																																								
Total appropriation, 1916.....	22,350.00																																									
Decrease (by transfer of 1 clerk at \$900 and 1 laboratory helper at \$840 to the statutory roll).....	1,740.00																																									

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.																																																																																														
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Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Soils—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Soil survey investigations, 1917, \$198,200.	Soil survey investigations, 1915, \$169,800, plus \$2,000 by transfer from classification of agricultural lands; total amount \$171,800.		
Out of Washington—Continued. 2 scientists, at \$1,980 each. 3 scientists, at \$1,920 each. 4 scientists, at \$1,800 each. 5 scientists, at \$1,740 each. 7 scientists, at \$1,620 each. 1 scientist, \$1,600. 5 scientists, at \$1,560 each. 11 scientists, at \$1,440 each. 6 scientists, at \$1,320 each. 13 scientists, at \$1,200 each. 4 scientists, at \$1,080 each. 50 collaborators, at \$1 per annum each.	Out of Washington—Continued. 1 scientist, \$1,980 (3 months). 2 scientists, at \$1,920 each. 1 scientist, \$1,860 2 scientists, at \$1,800 each. 1 scientist, \$1,800 (9 months). 1 scientist, \$1,800 (7½ months). 3 scientists, at \$1,740 each. 1 scientist, \$1,740 (9 months). 1 scientist, \$1,740 (6 months). 4 scientists, at \$1,620 each. 1 scientist, \$1,620 (4½ months). 1 scientist, \$1,620 (5½ months). 1 scientist, \$1,600. 3 scientists, at \$1,560 each. 6 scientists, at \$1,440 each. 2 scientists, at \$1,440 each (9 months). 3 scientists, at \$1,440 each (4 months). 2 scientists, at \$1,320 each. 1 scientist, \$1,320 (11½ months). 1 scientist, \$1,320 (10½ months). 1 scientist, \$1,320 (10 months). 12 scientists, at \$1,200 each. 2 scientists, at \$1,200 each (9 months). 1 scientist, \$100 per month (4½ months). 2 scientists, at \$1,080 each. 1 scientist, \$1,080 (10½ months). 1 field assistant, \$75 per month (2½ months). 1 skilled laborer, \$300 (4½ months). 1 scientist, \$1,080 (4 months). 1 scientist, \$1,080 (3 months). 48 collaborators, at \$1 per annum each.		
Traveling expenses..... \$81,240.00 Supplies and equipment..... 2,735.00 Total estimate, 1917..... 198,200.00 Total appropriation, 1916..... 168,200.00 Increase..... 30,000.00	Traveling expenses..... \$69,647.93 Supplies and equipment..... 2,928.53 Total expenditures, 1915..... 170,682.44		
Classification of agricultural lands, 1917, \$18,100.	Classification of agricultural lands, 1915, \$20,000, less \$2,000 by transfer to soil survey investigations; net amount \$18,000.		
Salaries..... \$11,700.00 As follows: In Washington— 1 scientist, \$3,750 (3 months). Out of Washington— 1 scientist, \$2,500 (3 months). 1 scientist, \$1,740. 1 scientist, \$1,620. 1 scientist, \$1,500. 1 scientist, \$1,440. 2 scientists, at \$1,320 each. 1 scientist, \$1,200.	Salaries..... \$8,097.77 As follows: In Washington— 1 copyist topographic draftsman, \$1,000 (1½ months). 1 copyist topographic draftsman, \$900 (5½ months). 1 clerk [stenographer and typewriter], \$900 (2½ months). 1 typewriter, \$900 (2½ months). 1 copyist topographic draftsman, \$720 (2½ months). Out of Washington— 1 scientist, \$2,500 (3 months). 1 scientist, \$1,920 (8 months). 1 scientist, \$1,800 (3 months). 1 scientist, \$1,800 (4½ months). 1 scientist, \$1,740 (6 months). 1 scientist, \$1,740 (3 months). 1 scientist, \$1,560 (2 months). 1 scientist, \$1,440 (9 months). 1 scientist, \$1,440 (3 months). 1 scientist, \$1,320 (2 months). 1 scientist, \$1,320 (1½ months). 1 scientist, \$1,320 (1½ months). 1 scientist, \$1,200 (3 months). 1 scientist, \$1,080 (1 month).		
Traveling expenses..... 6,250.00 Supplies and equipment..... 150.00 Total estimate, 1917..... 18,100.00 Total appropriation, 1916..... 20,000.00 Decrease (by transfer of 1 copyist topographic draftsman, at \$1,000, and 1 clerk, at \$900, to statutory roll)..... 1,900.00	Traveling expenses..... 3,213.76 Total expenditures, 1915..... 11,311.53		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Soils—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Administrative expenses, 1917, \$4,000.	Administrative expenses, 1915, \$3,200.		
Salaries..... \$450.00	Salaries..... \$431.25		
As follows:	As follows:		
In Washington—	In Washington—		
For employment of stenographers for temporary periods from time to time as the needs of the bureau require.	2 clerks, at \$60 per month each (3 months).		
Traveling expenses..... 50.00	5 laborers, at \$1.50 per diem each, when actually employed.		
Supplies and equipment..... 2,850.00	Traveling expenses..... 2.43		
Miscellaneous expenses..... 650.00	Supplies and equipment..... 2,078.24		
	Miscellaneous expenses..... 576.85		
Total estimate, 1917..... 4,000.00	Total expenditures, 1915..... 3,088.77		
Total appropriation, 1916..... 3,200.00			
Increase..... 800.00			
Total for Bureau of Soils (increase \$30,800).....		\$358, 735. 00	\$327,935.00
BUREAU OF ENTOMOLOGY.			
<i>Salaries, Bureau of Entomology—</i>			
(1) One entomologist, who shall be chief of bureau (<i>R. S.</i> , p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1103, sec. 1).....	\$4, 500. 00		
(2) One chief clerk and executive assistant (<i>same acts</i>).....	2, 250. 00		
(3) One administrative assistant (by transfer from lump fund for moths) (<i>same acts</i>).....	2, 250. 00		
(4) One financial clerk (<i>same acts</i>).....	1, 800. 00		
(5) Three clerks, class 4 (<i>same acts</i>).....	5, 400. 00		
(6) Three clerks, class 3 (<i>same acts</i>).....	4, 800. 00		
(7) Nine clerks, class 2 (<i>same acts</i>).....	12, 600. 00		
(8) Nine clerks, class 1 (increase of 2 by transfer from lump fund for miscellaneous insects) (<i>same acts</i>).....	10, 800. 00		
(9) Ten clerks, at \$1,000 each (increase of 3 by transfer from lump funds for cereal and forage insects, southern field crop insects, and truck crop insects) (<i>same acts</i>).....	10, 000. 00		
(10) Four clerks, at \$900 each (increase of 2 by transfer from lump funds for truck crop insects and southern field crop insects) (<i>same acts</i>).....	3, 600. 00		
(11) Five clerks, at \$840 each (4 by transfer from lump fund for cereal and forage insects and 1 from lump fund for southern field crop insects) (<i>same acts</i>).....	4, 200. 00		
(12) Two entomological draftsmen, at \$1,400 each (<i>same acts</i>).....	2, 800. 00		
(13) One entomological draftsman (<i>same acts</i>).....	1, 080. 00		
(14) Four foremen, at \$1,080 each (<i>same acts</i>).....	4, 320. 00		
(15) One entomological preparator (by transfer from lump fund for truck crop insects) (<i>same acts</i>).....	1, 000. 00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Bureau of Entomology—Continued.</i>		
(16) Four entomological preparators, at \$840 each (increase of 2 by transfer from lump funds for truck crop insects and tropical insects) (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1103, sec. 1</i>)-----	\$3,360.00	
(17) Eight entomological preparators, at \$720 each (increase of 7, 2 by transfer from lump fund for southern field crop insects, 3 from lump fund for forest insects, 1 from lump fund for deciduous fruit insects, and 1 from lump fund for moths) (<i>same acts</i>)----	5,760.00	
(18) Seven entomological preparators, at \$600 each (increase of 1 by transfer from lump fund for forest insects) (<i>same acts</i>)-----	4,200.00	
(19) Two messengers or laborers, at \$900 each (by transfer of 1 messenger at \$900 from lump fund for miscellaneous insects and 1 unskilled laborer at \$900 from lump fund for forest insects, with change of title) (<i>same acts</i>)-----	1,800.00	
NOTE.—The change in designation in these two cases is recommended in order to have the title conform more closely to the character of the work performed.		
[One messenger, \$840, changed to messenger or laborer, at \$840, as below.]		
(20) Two messengers or laborers, at \$840 each (1 by transfer of 1 unskilled laborer at \$840 from lump fund for tropical insects, with change of title, and 1 in lieu of 1 messenger at \$840 omitted as above) (<i>same acts</i>)-----	1,680.00	
NOTE.—The change in designation in these two cases is recommended in order to have the title conform more closely to the character of the work performed.		
(21) Three messengers or laborers, at \$720 each (increase of 1 by transfer of 1 unskilled laborer at \$720 from lump fund for tropical insects, with change of title) (<i>same acts</i>)-----	2,160.00	
NOTE.—This change in designation is recommended in order to have the title conform more closely to the character of the work performed.		
(22) One messenger boy (<i>submitted</i>)-----	480.00	
NOTE.—The addition of 1 messenger boy at \$480 is recommended to provide a much needed increase in the messenger force.		
(23) Five messenger boys, at \$360 each (increase of 1 by transfer from lump fund for forest insects) (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1103, sec. 1</i>)-----	1,800.00	
(24) One mechanic (by transfer from lump fund for moths) (<i>same acts</i>)-	1,080.00	
(25) One mechanic (by transfer from lump fund for moths) (<i>same acts</i>)-	900.00	
(26) One mechanic (<i>same acts</i>)-----	840.00	
(27) One laborer (by transfer from lump fund for tropical insects) (<i>same acts</i>)-----	600.00	
(28) One laborer (<i>same acts</i>)-----	540.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Bureau of Entomology—Continued.</i>		
(29) One laborer (by transfer from lump fund for cereal and forage insects) (<i>R. S.</i> , p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1103, sec. 1)	\$480.00	
(30) One laborer (by transfer from lump fund for southern field crop insects) (<i>same acts</i>)	420.00	
(31) Three charwomen, at \$480 each (<i>same acts</i>)	1,440.00	
(32) One charwoman (<i>same acts</i>)	240.00	
	\$99,180.00	\$69,530.00
Appropriations for 1907..... \$19,610 Estimates for 1908..... \$22,460 Appropriations for 1908..... 22,210 Estimates for 1909..... 26,360 Appropriations for 1909..... 26,160 Estimates for 1910..... 27,880 Appropriations for 1910..... 29,280 Estimates for 1911..... 29,280 Appropriations for 1911..... 29,280 Estimates for 1912..... 60,130 Appropriations for 1912..... 60,130 Estimates for 1913..... 58,630 Appropriations for 1913..... 58,750 Estimates for 1914..... 62,660 Appropriations for 1914..... 60,960 Estimates for 1915..... 68,150 Appropriations for 1915..... 69,050 Estimates for 1916..... 69,050 Appropriations for 1916..... 69,530 Estimates for 1917..... 99,180		
NOTE.—Apparent increase, \$29,650; actual increase, \$480, as follows:		
<i>New place.</i>		
1 messenger boy.....	\$480	
Actual increase.....	480	
<i>Transfers from lump funds of this bureau, which funds have been correspondingly reduced.</i>		
1 administrative assistant, from moths.....	\$2,250	
2 clerks, class 1, from miscellaneous insects.....	2,400	
1 clerk, from cereal and forage insects.....	1,000	
1 clerk, from southern field-crop insects.....	1,000	
1 clerk, from truck-crop insects.....	1,000	
1 clerk, from truck-crop insects.....	900	
1 clerk, from southern field-crop insects.....	900	
4 clerks, at \$840 each, from cereal and forage insects.....	3,360	
1 clerk, from southern field-crop insects.....	840	
1 entomological preparator, from truck-crop insects.....	1,000	
1 entomological preparator, from truck-crop insects.....	840	
1 entomological preparator, from tropical insects.....	840	
2 entomological preparators, at \$720 each, from southern field-crop insects.....	1,440	
3 entomological preparators, at \$720 each, from forest insects.....	2,160	
1 entomological preparator, from deciduous-fruit insects.....	720	
1 entomological preparator, from moths.....	720	
1 entomological preparator, from forest insects.....	600	
1 messenger or laborer, from miscellaneous insects, with change of title from 1 messenger, \$900.....	900	
1 messenger or laborer, from forest insects, with change of title from 1 unskilled laborer, \$900.....	900	
1 messenger or laborer, from tropical insects, with change of title from 1 unskilled laborer, \$840.....	840	
1 messenger or laborer, from tropical insects, with change of title from 1 unskilled laborer, \$720.....	720	
1 messenger boy, from forest insects.....	360	
1 mechanic, from moths.....	1,080	
1 mechanic, from moths.....	900	
1 laborer, from tropical insects.....	600	
1 laborer, from cereal and forage insects.....	480	
1 laborer, from southern field-crop insects.....	420	
	29,170	
Apparent increase.....	29,650	
<i>Change of title.</i>		
1 messenger or laborer, \$900, in lieu of 1 messenger, \$900, from lump fund.		
1 messenger or laborer, \$900, in lieu of 1 unskilled laborer, \$900, from lump fund.		
1 messenger or laborer, \$840, in lieu of 1 messenger, \$840.		
1 messenger or laborer, \$840, in lieu of 1 unskilled laborer, \$840, from lump fund.		
1 messenger or laborer, \$720, in lieu of 1 unskilled laborer, \$720, from lump fund.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Entomology—</i>		
(33) For the promotion of economic entomology; for investigating the history and the habits of insects injurious and beneficial to agriculture, horticulture, arboriculture, and the study of insects affecting the health of man and domestic animals, and ascertaining the best means of destroying those found to be injurious; for collating, digesting, reporting, and illustrating the results of such investigations; for salaries and the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, freight, express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, and electric current, in connection with the following investigations:		
(34) For investigations of insects affecting deciduous fruits, orchards, vineyards, and nuts ["\$58,000"] (<i>act Mar. 4, 1915, vol. 38, p. 1104, sec. 1</i>)	\$57,280.00	
NOTE.—There is an apparent decrease in the above subappropriation of \$720, due to the transfer of one entomological preparator at \$720 to the statutory roll.		
(35) For investigations of insects affecting cereal and forage crops ["\$114,500"] (<i>same act</i>)	109,660.00	
NOTE.—There is an apparent decrease in the above subappropriation of \$4,840, due to the transfer of one clerk at \$1,000, four clerks at \$840 each, and one laborer at \$480 to the statutory roll.		
(36) For investigations of insects affecting southern field crops, including insects affecting cotton, tobacco, rice, sugar cane, and so forth, and the cigarette beetle and Argentine ant ["\$59,000"] (<i>same act</i>)	64,400.00	
NOTE.—There is an apparent increase in this item of \$5,400, but, taking into consideration the transfer to the statutory roll of one clerk at \$1,000, one clerk at \$900, one clerk at \$840, two entomological preparators at \$720 each, and one laborer at \$420, amounting to \$4,600, the actual increase is \$10,000.		
Two recent events make it necessary for the bureau to enlarge its work on the boll weevil. One is the invasion by the boll weevil of the sea-island districts of Florida and Georgia and the other the discovery of a new form of the boll weevil in Arizona which, though now confined to a wild plant, will undoubtedly attack cultivated cotton in a short time. Conditions in the sea-island districts are peculiar, and there is every indication that the control of the boll weevil there will require the development of methods somewhat different from those found effective in short-staple cotton districts. The sea-island varieties develop and mature more slowly than the upland. They are grown on lands where the conditions are likely to render the control of the boll weevil more difficult. This situation demands special experimental work in regions which became infested for the first time during the present year. The States directly involved have urged that the department assist in a campaign against the pest in this region.		
The Arizona weevil is a menace to the rapidly developing cotton industry in that State. It occurs in mountain canyons and will undoubtedly be brought in contact with cotton cultures through the plantings which are being extended rapidly. The insect has adapted itself perfectly to arid conditions and can live through an entire season without food. It is of the greatest importance that the department obtain full information about the habits of this pest and the means by which it may be prevented from gaining entry to the cotton fields. The importance of the problem, however, is not restricted to Arizona. It is quite possible that by flight or otherwise the species might be introduced into western Texas. In that part of the State the dry conditions have prevented the establishment of the common boll weevil, and the development of cotton culture in that quarter has served in a very important way to enable the State of Texas to maintain its production of this crop. If the Arizona weevil were introduced, it would interfere seriously with this development and would result in a continuous weevil infestation from the western to the eastern limits of the cotton belt, whereas at present there is a very large area in the West which is not affected.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Entomology—Continued.</i>		
(37) For investigations of insects affecting forests ["\$54,790"] (<i>act Mar. 4, 1915, vol. 38, p. 1104, sec. 1</i>) -----	\$50,770.00	
NOTE.—There is an apparent decrease in the above subappropriation of \$4,020, due to the transfer of three entomological preparators at \$720 each, one entomological preparator at \$600, one unskilled laborer at \$900, and one messenger boy at \$360 to the statutory roll.		
(38) For investigations of insects affecting truck crops, including insects affecting the potato, sugar beet, cabbage, onion, tomato, beans, peas, and so forth, and insects affecting stored products ["\$41,500"] (<i>same act</i>) -----	\$37,760.00	
NOTE.—There is an apparent decrease in the above subappropriation of \$3,749, due to the transfer of 1 clerk at \$1,000, 1 clerk at \$900, 1 entomological preparator at \$1,000, and 1 entomological preparator at \$840 to the statutory roll.		
(39) For investigations in bee culture (<i>same act</i>)-----	\$15,000.00	
(40) For investigations of insects affecting tropical and subtropical fruits, including insects affecting the orange, lemon, grapefruit, mango, and so forth ["\$20,100"] (<i>same act</i>)-----	\$17,100.00	
NOTE.—There is an apparent decrease in the above subappropriation of \$3,000, due to the transfer of 1 entomological preparator at \$840, 1 unskilled laborer at \$840, 1 unskilled laborer at \$720, and 1 laborer at \$600 to the statutory roll.		
(41) For investigations and control, in cooperation with the Federal Horticultural Board, of the Mediterranean and other fruit ["fly"] flies (<i>same act</i>)-----	\$33,200.00	
NOTE.—The change in the language of the above subappropriation is recommended in order to provide for investigations and control of species of destructive fruit flies other than the Mediterranean fly, including the melon fly in Hawaii, now under quarantine, the orange fruit fly in Mexico, similarly under quarantine, and several other species in Central America and the West Indies. There are in addition several species which are likely to be brought to this continent from trans-Pacific countries, which species are intercepted from time to time on fruit at Pacific ports and are being safeguarded against in connection with the work under the Federal plant quarantine act. The addition of the word "control" and the other proposed changes in phraseology will more accurately describe the field work to be covered under this item.		
(42) For investigations, identification, and systematic classification of miscellaneous insects, including the study of insects affecting the health of man and domestic animals, household insects, and the importation and exchange of useful insects ["\$54,280"] (<i>same act</i>)..	\$57,980.00	
NOTE.—There is an apparent increase in the above subappropriation of \$3,700, but, taking into consideration the transfer to the statutory roll of 2 clerks at \$1,200 each and 1 messenger at \$900, involving \$3,300, and the fact that \$3,000 is transferred from this subappropriation to the new item for administrative expenses, the actual increase is \$10,000. Of this increase, \$7,000 is desired for the purpose of enabling the bureau to enlarge the work relating to insects which affect the health of domestic animals. Two new special problems have presented themselves which demand attention. One of these is the European nose fly, which recently has been found to have become established over a considerable area in the Dakotas and eastern Montana. The fly deposits its eggs on the lips of horses, which have an instinctive fear of it. When the fly approaches the animal becomes frantic and can not be controlled. This interferes most seriously with farm operations and is especially important from the fact that the principal activity of the flies is at the time of harvest when there are the greatest demands on the horses. The insect is also troublesome to horses in pasture, the animals taking refuge on high points and refusing to eat. It has become a common saying in the area where this fly occurs that it causes horses to lose flesh in the best of pastures. Although the pest is now more or less a local one, it is certain to spread in this country as it has in Europe. It is believed that great saving to the farmers in many States may result from a careful investigation of this insect at the present time.		
Another problem is caused by horseflies attacking cattle as well as horses in the Western States. The principal complaints have come from portions of Nevada and California, and a preliminary investigation has shown that the losses are very considerable. A careful survey of the affected regions would probably yield information regarding the breeding places of these pests and suggest means of reducing their numbers. The Nevada experiment station has urged the importance of an investigation of this problem and is prepared to cooperate.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Entomology—Continued.</i>		
The remaining \$3,000 is desired for the purpose of employing additional assistants in connection with the project "Identification and classification of insects," as explained in the following note.		
(43) <i>For general administrative expenses connected with above lines of investigation, and for miscellaneous expenses incident thereto (submitted)</i> -----	\$3, 000. 00	
<p>NOTE.—No specific appropriation has heretofore been made for the administrative expenditures of the bureau. The greater part of such expenses have been charged against the appropriation for miscellaneous insect investigations under the project "Identification and classification of insects."</p> <p>The creation of this item, without a corresponding reduction in the appropriation for miscellaneous insect investigations, really amounts to an increase of \$3,000 in the latter appropriation. It is not deemed advisable, however, to decrease that appropriation in view of the fact that under the project "Identification and classification of insects" are provided the salaries of specialists whose work in insect identification and classification forms the basis for other investigational work of the bureau and supplies fundamental information for the field investigations and because the number of such specialists now employed is inadequate to meet the demand for services of the character rendered.</p>		
In all, for general expenses-----	\$446,150.00	\$450,370.00

Appropriations for 1907.....	\$75,000	Estimates for 1908.....	\$113,810
Appropriations for 1908.....	113,800	Estimates for 1909.....	149,240
Appropriations for 1909.....	158,800	Estimates for 1910.....	189,800
Appropriations for 1910.....	198,400	Estimates for 1911.....	197,900
Appropriations for 1911.....	202,900	Estimates for 1912.....	238,110
Appropriations for 1912.....	256,950	Estimates for 1913.....	258,450
Appropriations for 1913.....	328,750	Estimates for 1914.....	371,000
Appropriations for 1914.....	381,250	Estimates for 1915.....	447,970
Appropriations for 1915.....	450,370	Estimates for 1916.....	460,370
Appropriations for 1916.....	450,370	Estimates for 1917.....	446,150

Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.

Deciduous fruit insects, 1917, \$57,280.	Deciduous fruit insects, 1915, \$58,000.
<p>Salaries..... \$42,200.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 entomological assistant in charge, \$3,500.</p> <p>1 assistant in insect physiology, \$1,800.</p> <p>3 entomological assistants, at \$1,600 each.</p> <p>1 student assistant, \$300.</p> <p>Out of Washington—</p> <p>1 entomological assistant, \$2,000.</p> <p>2 entomological assistants, at \$1,800 each.</p> <p>6 entomological assistants, at \$1,600 each.</p> <p>1 entomological assistant, \$1,400.</p> <p>2 scientific assistants, at \$1,000 each.</p> <p>2 scientific assistants, at \$1,400 each.</p> <p>6 scientific assistants, at \$1,200 each.</p> <p>5 temporary field assistants, at \$100 each.</p> <p>Traveling expenses..... 10,000.00</p> <p>Supplies and equipment..... 3,500.00</p> <p>Miscellaneous expenses..... 1,580.00</p> <p>Total estimate, 1917..... 57,280.00</p> <p>Total appropriation, 1916..... 58,000.00</p> <p>Decrease (by transfer of 1 entomological preparator, at \$720, to the statutory roll)..... 720.00</p>	<p>Salaries..... \$38,254.34</p> <p>As follows:</p> <p>In Washington—</p> <p>1 entomological assistant in charge, \$3,500.</p> <p>1 entomological assistant, \$1,600.</p> <p>1 entomological assistant, \$1,500.</p> <p>1 entomological assistant, \$1,400.</p> <p>1 entomological preparator, \$720.</p> <p>1 painter, \$3.50 per diem (12 days).</p> <p>1 plumber, \$1 per diem (25 days).</p> <p>Out of Washington—</p> <p>1 entomological assistant, \$2,000.</p> <p>1 entomological assistant, \$1,800.</p> <p>1 entomological assistant, \$1,800 (1½ months).</p> <p>1 entomological assistant, \$1,600 (10½ months).</p> <p>3 entomological assistants, at \$1,600 each.</p> <p>1 scientific assistant, \$1,000.</p> <p>4 entomological assistants, at \$1,400 each.</p> <p>2 scientific assistants, at \$1,400 each.</p> <p>1 scientific assistant, \$1,400 (9½ months).</p> <p>1 scientific assistant, \$1,200.</p> <p>1 scientific assistant, \$1,200 (11½ months).</p> <p>3 scientific assistants, at \$1,000 each.</p> <p>1 scientific assistant, \$1,000 (10 months).</p> <p>1 field assistant, \$900 (10½ months).</p> <p>1 field assistant, \$720 (2 months).</p> <p>1 field assistant, \$800 (5½ months).</p> <p>1 field assistant, \$480 (10½ months).</p> <p>1 agent, \$10 per diem (13 days).</p> <p>1 unskilled laborer, \$2.56 per diem (26 days).</p> <p>1 student assistant, \$300 (2½ months).</p> <p>Traveling expenses..... 9,057.74</p> <p>Supplies and equipment..... 5,315.59</p> <p>Miscellaneous expenses..... 2,021.97</p> <p>Construction work¹..... 1,325.00</p> <p>Total expenditures, 1915..... 55,974.64</p> <p>¹ This amount was paid for the construction of an insecticide laboratory and greenhouse on the department grounds:</p> <p>Labor..... \$100.00</p> <p>Lumber and material..... 1,225.00</p> <p align="right">1,325.00</p>

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Entomology—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Cereal and forage insects, 1917, \$109,660.	Cereal and forage insects, 1915, \$114,500.	
Salaries..... \$81,555.00	Salaries..... \$77,371.86	
As follows:	As follows:	
In Washington—	In Washington—	
1 entomological assistant in charge,	1 entomological assistant in charge,	
\$3,500.	\$3,500.	
1 entomological assistant, \$2,000.	1 entomological assistant, \$2,000.	
1 student assistant, \$300.	1 clerk, \$1,000 (6 months).	
	1 stenographer and typewriter, \$900 (4½	
	months).	
	1 stenographer and typewriter, \$900 (1	
	month).	
	1 student assistant, \$3 cents per diem (76½	
	days).	
	1 student assistant, \$25 per month (½	
	month).	
	1 painter, \$3.50 per diem (6 days).	
Out of Washington—	Out of Washington—	
6 entomological assistants, at \$2,000	6 entomological assistants, at \$2,000 each.	
each.	3 entomological assistants, at \$1,800 each.	
6 entomological assistants, at \$1,800	1 entomological assistant, \$1,800 (8½	
each.	months).	
1 scientific assistant, \$1,800.	1 scientific assistant, \$1,800.	
5 entomological assistants, at \$1,600	1 entomological assistant, \$1,800 (6	
each.	months).	
4 scientific assistants, at \$1,600 each.	1 entomological assistant, \$1,600 (3	
1 entomological assistant, \$1,400.	months).	
5 scientific assistants, at \$1,400 each.	1 entomological assistant, \$1,600 (6	
1 field assistant, \$1,400.	months).	
4 scientific assistants, at \$1,200 each.	6 entomological assistants, at \$1,600 each.	
7 field assistants, at \$1,200 each.	2 scientific assistants, at \$1,600 each.	
3 scientific assistants, at \$1,000 each.	1 scientific assistant, \$1,600 (4½ months).	
3 field assistants, at \$1,000 each.	1 scientific assistant, \$1,600 (4 months).	
4 field assistants, at \$900 each (6	1 scientific assistant, \$1,400 (8 months).	
months).	2 scientific assistants, at \$1,400 each.	
1 stenographer and typewriter, \$720	7 scientific assistants, at \$1,200 each.	
(temporary).	1 scientific assistant, \$1,200 (11½ months).	
7 field assistants, at \$720 each (6	3 scientific assistants, at \$1,200 each (11	
months).	months).	
3 field assistants, at \$1,200 each (3	1 scientific assistant, \$1,200 (10 months).	
months).	1 scientific assistant, \$1,200 (11½ months).	
2 field assistants, at \$480 each (6	1 entomological assistant, \$1,200.	
months).	1 field assistant, \$1,200 (3½ months).	
1 field assistant, \$35 per month (3	1 field assistant, \$1,200 (½ month).	
months).	1 field assistant, \$1,200 (3½ months).	
2 field assistants, at \$30 per month each	1 clerk [stenographer and typewriter],	
(6 months).	\$1,000.	
1 field assistant, \$25 per month (6	3 scientific assistants, at \$1,000 each.	
months).	1 scientific assistant, \$1,000 (11 months).	
2 collaborators, at \$300 each.	2 scientific assistants, at \$1,000 each (10½	
1 collaborator, \$120.	months).	
	2 scientific assistants, at \$1,000 each (4	
	months).	
	1 scientific assistant, \$1,000 (7½ months).	
	1 field assistant, \$1,000 (1 month).	
	1 entomological preparator, \$1,000 (3	
	months).	
	1 field assistant, \$900 (¾ month).	
	1 field assistant, \$900 (¼ month).	
	1 field assistant, \$900 (1½ months).	
	2 scientific assistants, at \$900 each (1	
	month).	
	1 stenographer and typewriter, \$840 (10½	
	months).	
	1 stenographer and typewriter, \$840 (8	
	months).	
	1 stenographer and typewriter, \$840 (1½	
	months).	
	1 stenographer and typewriter, \$840 (8½	
	months).	
	1 stenographer and typewriter, \$720 (8½	
	months).	
	1 field assistant, \$65 per month (3	
	months).	
	1 cook, \$65 per month (3½ months).	
	1 field assistant, \$720 (6 months).	
	2 field assistants, at \$720 each (½ month).	
	1 field assistant, \$720 (¼ month).	
	1 field assistant, \$720 (1 month).	
	2 field assistants, at \$720 each (½ month).	
	1 field assistant, \$720 (3 months).	
	1 field assistant, \$720 (2½ months).	
	1 field assistant, \$720 (2½ months).	
	1 field assistant, \$720 (2½ months).	
	1 skilled laborer, \$720 (1 month).	
	1 unskilled laborer, \$720 (1½ months).	
	1 field assistant, \$480 (1 month).	
	1 unskilled laborer, \$480 (7½ months).	
	1 field assistant, \$35 per month (¾	
	month).	
	1 field assistant, \$360 (3½ months).	
	1 field assistant, \$360 (½ month).	
	1 field assistant, \$300 (½ month).	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Entomology—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Cereal and forage insects, 1917, \$109,660.		Cereal and forage insects, 1915, \$114,500.	
Traveling expenses.....	\$19,360.00	Out of Washington—Continued. 1 collaborator, \$300 (1 month). 1 collaborator, \$10 per month. 1 collaborator, \$10 per month (9 months). 1 collaborator, \$10 per month (8½ months). Traveling expenses.....	\$21,623.56
Supplies and equipment.....	5,245.00	Supplies and equipment.....	8,904.99
Miscellaneous expenses.....	3,500.00	Miscellaneous expenses.....	3,426.30
Total estimate, 1917.....	109,660.00	Total expenditures, 1915.....	111,326.71
Total appropriation, 1916.....	114,500.00		
Decrease (by transfer of 1 clerk at \$1,000, 4 clerks at \$840 each, and 1 laborer at \$480 to statutory roll).	4,840.00		
Southern field crop insects, 1917, \$64,400.		Southern field crop insects, 1915, \$59,000.	
Salaries.....	\$39,102.00	Salaries.....	\$36,456.43
As follows:		As follows:	
In Washington—		In Washington—	
1 entomological assistant in charge, \$3,500.		1 entomological assistant in charge, \$3,500.	
1 entomological assistant, \$2,500.		1 entomological assistant, \$2,500.	
1 expert, \$840.		1 entomological assistant, \$2,000 (2 months).	
1 student assistant, \$300.		1 expert preparator, \$840 (8½ months).	
Out of Washington—		1 entomological preparator, \$720.	
1 entomological assistant, \$2,200.		1 clerk, \$1,000 (4 months).	
1 entomological assistant, \$2,000.		1 student assistant, \$25 per month (3½ months).	
4 entomological assistants, at \$1,800 each.		1 painter, \$3.50 per diem (12 days).	
2 entomological assistants, at \$1,600 each.		Out of Washington—	
2 entomological assistants, at \$1,500 each.		1 entomological assistant, \$2,200.	
2 entomological assistants, at \$1,400 each.		1 entomological assistant, \$2,000.	
7 entomological assistants, at \$1,200 each.		1 entomological assistant, \$2,125.	
7 field assistants, at \$150 per month each (3 months).		1 entomological assistant, \$1,800 (10½ months).	
1 collaborator, \$12 per annum.		1 scientific assistant, \$1,600.	
Traveling expenses.....	16,760.00	1 entomological assistant, \$1,600 (10½ months).	
Supplies and equipment.....	7,788.00	1 scientific assistant, \$1,400.	
Miscellaneous expenses.....	750.00	1 scientific assistant, \$1,400 (10 months).	
Total estimate, 1917.....	64,400.00	2 entomological assistants, at \$1,400 each.	
Total appropriation, 1916.....	59,000.00	1 entomological assistant, \$1,400 (7 months).	
Increase (but as 1 clerk at \$1,000, 1 clerk at \$900, 1 clerk at \$840, 2 entomological preparators at \$720 each, and 1 laborer at \$420 have been transferred to statutory roll, the actual increase is \$10,000)...	5,400.00	1 scientific assistant, \$1,200.	
		1 scientific assistant, \$1,200 (11½ months).	
		2 entomological assistants, at \$1,200 each.	
		1 scientific assistant, \$1,020 (11 months).	
		1 scientific assistant, \$1,000.	
		1 field assistant, \$1,200 (4½ months).	
		1 stenographer and typewriter, \$900 (4½ months).	
		1 field assistant, \$88.33 per month (3½ months).	
		1 scientific assistant, \$85 per month (1 month).	
		1 field assistant, \$80 per month (½ month).	
		1 field assistant, \$75 per month (4½ months).	
		1 field assistant, \$70 per month (7 months).	
		1 stenographer and typewriter, \$840 (11½ months).	
		1 entomological preparator, \$60 per month (7 months).	
		1 field assistant, \$60 per month (4½ months).	
		5 field assistants, at \$600 each (2½ months).	
		1 unskilled laborer, \$35 per month.	
		1 collaborator, \$1 per month (3½ months).	
		2 collaborators, at \$1 per month each.	
		1 collaborator, \$1 per annum (9½ months).	
		Traveling expenses.....	13,534.75
		Supplies and equipment.....	6,501.88
		Miscellaneous expenses.....	572.25
		Total expenditures, 1915.....	57,065.81

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Entomology—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
<p align="center">Forest insects, 1917, \$50,770.</p> <p>Salaries..... \$46,312.00</p> <p> As follows:</p> <p> In Washington—</p> <p> 1 forest entomologist in charge, \$3,500.</p> <p> 2 assistants in forest entomology, at \$1,800 each.</p> <p> 2 specialists in forest entomology, at \$1,800 each.</p> <p> 2 specialists in forest entomology, at \$1,600 each.</p> <p> 1 specialist in forest entomology, \$1,400.</p> <p> 1 entomological assistant, \$1,500.</p> <p> 7 student assistants, at \$300 each.</p> <p> Out of Washington—</p> <p> 1 assistant in forest entomology, \$2,200.</p> <p> 3 assistants in forest entomology, at \$1,800 each.</p> <p> 1 assistant in shade tree insects, \$1,600.</p> <p> 2 assistants in forest entomology, at \$1,500 each.</p> <p> 1 assistant in forest entomology, \$1,400.</p> <p> 1 entomological assistant, \$1,400.</p> <p> 1 scientific assistant, \$1,200.</p> <p> 5 entomological rangers, at \$1,080 each.</p> <p> 1 scientific assistant, \$1,000.</p> <p> 5 entomological rangers, at \$900 each.</p> <p> 1 student assistant, \$300.</p> <p> 1 collaborator, \$12 per annum.</p> <p>Traveling expenses..... 2,210.00</p> <p>Supplies and equipment..... 1,498.00</p> <p>Miscellaneous expenses..... 750.00</p> <p>Total estimate, 1917..... 50,770.00</p> <p>Total appropriation, 1916..... 54,790.00</p> <p>Decrease (by transfer of 3 entomological preparators, at \$720 each, 1 entomological preparator, at \$600, 1 laborer, at \$900, and 1 messenger boy, at \$360, to statutory roll)..... 4,020.00</p>	<p align="center">Forest insects, 1915, \$54,790.</p> <p>Salaries..... \$44,945.88</p> <p> As follows:</p> <p> In Washington—</p> <p> 1 entomological assistant in charge, \$3,500</p> <p> 1 entomological assistant, \$2,000 (10 months).</p> <p> 3 entomological assistants, at \$1,800 each.</p> <p> 1 entomological assistant, \$1,800 (11 months).</p> <p> 1 expert, \$1,800 (1 month).</p> <p> 2 entomological assistants, at \$1,600 each.</p> <p> 1 entomological assistant, \$1,500.</p> <p> 1 scientific assistant, \$1,000 (11½ months).</p> <p> 1 minor clerk, \$900 (3½ months).</p> <p> 1 entomological preparator, \$720.</p> <p> 1 entomological preparator, \$600.</p> <p> 1 entomological preparator, \$600 (3½ months).</p> <p> 1 messenger boy, \$360 (4½ months).</p> <p> 1 student assistant, \$300.</p> <p> 2 painters, at \$3.50 per diem each (6 days).</p> <p> 1 collaborator, \$25 per month (2½ months).</p> <p> Out of Washington—</p> <p> 1 entomological assistant, \$2,200.</p> <p> 2 entomological assistants, at \$1,800 each.</p> <p> 1 entomological assistant, \$1,800 (11 months).</p> <p> 1 entomological assistant, \$1,400.</p> <p> 1 scientific assistant, \$1,400.</p> <p> 1 scientific assistant, \$1,400 (2 months).</p> <p> 1 scientific assistant, \$1,200 (11½ months).</p> <p> 1 field assistant, \$1,200 (3 months).</p> <p> 1 field assistant, \$1,200 (1 month).</p> <p> 1 field assistant, \$600 (½ month).</p> <p> 6 entomological rangers, at \$1,080 each.</p> <p> 1 entomological ranger, \$1,080 (9 months).</p> <p> 1 scientific assistant, \$1,000.</p> <p> 1 entomological ranger, \$900 (10½ months).</p> <p> 1 entomological ranger, \$900 (10 months).</p> <p> 1 entomological ranger, \$900 (8½ months).</p> <p> 1 entomological ranger, \$900 (8 months).</p> <p> 1 entomological ranger, \$900 (4½ months).</p> <p> 1 minor clerk, \$900 (3 months).</p> <p> 1 entomological ranger, \$75 per month (2½ months).</p> <p> 1 entomological assistant, \$75 per month (½ month).</p> <p> 2 student assistants, at \$25 per month each.</p> <p> 1 student assistant, \$25 per month (1½ months).</p> <p> 1 collaborator, \$300 (1½ months).</p> <p> 1 collaborator, \$1 per month (1½ months).</p> <p>Traveling expenses..... 6,472.10</p> <p>Supplies and equipment..... 2,066.14</p> <p>Miscellaneous expenses..... 750.00</p> <p>Total expenditures, 1915..... 54,234.12</p>	
<p align="center">Truck-crop and stored-product insects, 1917, \$37,760.</p> <p>Salaries..... \$31,064.00</p> <p> As follows:</p> <p> In Washington—</p> <p> 1 entomologist in charge, \$3,500.</p> <p> 1 entomological assistant, \$2,000.</p> <p> 1 expert, \$1,800.</p> <p> 3 scientific assistants, at \$1,400 each.</p> <p> 1 scientific assistant, \$1,000.</p> <p> 1 student assistant, \$300.</p>	<p align="center">Truck-crop and stored-product insects, 1915, \$41,500.</p> <p>Salaries..... \$30,340.40</p> <p> As follows:</p> <p> In Washington—</p> <p> 1 entomologist in charge, \$3,500.</p> <p> 1 entomological assistant, \$2,000.</p> <p> 1 expert, \$1,800.</p> <p> 1 scientific assistant, \$1,000 (10½ months).</p> <p> 1 clerk, \$900 (½ month).</p> <p> 1 stenographer and typewriter, \$900 (1½ months).</p> <p> 1 entomological preparator, \$840 (6 months).</p> <p> 1 entomological preparator, \$720 (3½ months).</p> <p> 1 entomological preparator, \$720 (1½ months).</p> <p> 1 entomological preparator, \$600 (8½ months).</p> <p> 1 entomological preparator, \$600 (6 months).</p> <p> 1 student assistant, \$300.</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Entomology—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Truck-crop and stored-product insects, 1917, \$37,760.		Truck-crop and stored-product insects, 1914, \$41,500.	
<p>Out of Washington—</p> <p>2 entomological assistants, at \$2,000 each.</p> <p>1 scientific assistant, \$1,800.</p> <p>3 entomological assistants, at \$1,600 each.</p> <p>1 scientific assistant, \$1,600.</p> <p>2 scientific assistants, at \$1,400 each.</p> <p>1 entomological assistant, \$1,400.</p> <p>2 scientific assistants, at \$600 each.</p> <p>1 scientific assistant, \$400.</p> <p>1 collaborator, \$240.</p> <p>2 collaborators, at \$12 per annum each.</p>		<p>In Washington—Continued.</p> <p>1 student assistant, \$300 ($\frac{2}{3}$ month).</p> <p>1 plumber, \$4 per diem (26 days).</p> <p>1 carpenter, \$3.50 per diem ($\frac{8}{3}$ days).</p> <p>1 painter, \$3.50 per diem (6 days).</p> <p>1 electrician's helper, \$2 per diem (25$\frac{1}{2}$ days).</p> <p>2 laborers, at \$2 per diem each (2 days).</p> <p>Out of Washington—</p> <p>1 entomological assistant, \$2,000 (1 month).</p> <p>1 scientific assistant, \$1,800.</p> <p>1 scientific assistant, \$1,800 (11$\frac{1}{2}$ months).</p> <p>1 entomological assistant, \$1,800 (9 months).</p> <p>1 entomological assistant, \$1,800 (3 months).</p> <p>1 entomological assistant, \$1,600.</p> <p>1 scientific assistant, \$1,600.</p> <p>2 entomological assistants, at \$1,400 each.</p> <p>1 scientific assistant, \$1,400 (11 months).</p> <p>1 scientific assistant, \$1,400 (3$\frac{1}{2}$ months).</p> <p>2 scientific assistants, at \$1,200 each.</p> <p>1 scientific assistant, \$1,200 (11 months).</p> <p>1 scientific assistant, \$1,200 (1 month).</p> <p>1 field assistant, \$1,200 ($\frac{1}{2}$ month).</p> <p>1 scientific assistant, \$1,000 (11$\frac{1}{2}$ months).</p> <p>1 entomological preparator, \$1,000 (3 months).</p> <p>1 field assistant, \$1,000 ($\frac{1}{2}$ month).</p> <p>1 field assistant, \$900 (4$\frac{1}{2}$ months).</p> <p>1 agent, \$900 (3 months).</p> <p>1 field assistant, \$900 (3 months).</p> <p>1 field assistant, \$900 (2 months).</p> <p>1 scientific assistant, \$900 (1 month).</p> <p>1 field assistant, \$840 (2$\frac{1}{2}$ months).</p> <p>1 field assistant, \$840 (2$\frac{1}{2}$ months).</p> <p>1 field assistant, \$720 (2$\frac{1}{2}$ months).</p> <p>1 unskilled laborer, \$720 (1$\frac{1}{2}$ months).</p> <p>1 field assistant, \$720 (1 month).</p> <p>1 field assistant, \$480 ($\frac{1}{2}$ month).</p> <p>1 collaborator, \$240 (2 months).</p> <p>1 collaborator, \$240 ($\frac{1}{2}$ month).</p> <p>1 collaborator, \$12 per annum.</p> <p>2 collaborators, at \$12 per annum each (3 months).</p> <p>1 collaborator, \$10 per month (3 months).</p> <p>1 collaborator, \$10 per month (1 month).</p> <p>1 collaborator, \$1 per annum (9 months).</p>	
Traveling expenses.....	\$4,416.00	Traveling expenses.....	\$4,405.16
Supplies and equipment.....	1,540.00	Supplies and equipment.....	3,937.46
Miscellaneous expenses.....	740.00	Miscellaneous expenses.....	252.00
		Construction work ¹	488.00
Total estimate, 1917.....	37,760.00	Total expenditures, 1915.....	39,423.02
Total appropriation, 1916.....	41,500.00		
Decrease (by transfer of 1 clerk at \$1,000, 1 clerk at \$900, 1 entomological preparator at \$1,000, and 1 entomological preparator at \$840 to statutory roll).....	3,740.00	¹ This amount was paid for construction of a laboratory on the department grounds:	
		Labor.....	163.00
		Lumber and material.....	325.00
			488.00
Bee culture, 1917, \$15,000.		Bee culture, 1915, \$15,000.	
<p>Salaries.....</p> <p>As follows:</p> <p>In Washington—</p> <p>1 apicultural assistant in charge, \$3,500.</p> <p>1 expert, \$2,750 (3 months).</p> <p>1 expert, \$1,800.</p> <p>1 apicultural assistant, \$2,500.</p> <p>1 apicultural assistant, \$1,800.</p> <p>Out of Washington—</p> <p>1 apicultural assistant, \$1,500.</p> <p>Traveling expenses.....</p> <p>Supplies and equipment.....</p> <p>Miscellaneous expenses.....</p>		<p>Salaries.....</p> <p>As follows:</p> <p>In Washington—</p> <p>1 apicultural assistant in charge, \$3,500.</p> <p>1 expert, \$2,250.</p> <p>1 expert, \$1,800 (11 months).</p> <p>1 apicultural assistant, \$2,100 (11$\frac{1}{2}$ months).</p> <p>1 apicultural assistant, \$1,600.</p> <p>1 apicultural assistant, \$1,400 (8 months).</p> <p>1 student assistant, \$300 ($\frac{1}{2}$ month).</p> <p>5 unskilled laborers, at various rates of pay (total, \$441, for 9$\frac{1}{2}$ months).</p> <p>Out of Washington—</p> <p>1 collaborator, \$12 per annum.</p> <p>Traveling expenses.....</p> <p>Supplies and equipment.....</p> <p>Miscellaneous expenses.....</p>	
	\$11,787.50		\$12,457.16
Traveling expenses.....	1,412.50	Traveling expenses.....	750.07
Supplies and equipment.....	1,050.00	Supplies and equipment.....	1,050.75
Miscellaneous expenses.....	750.00	Miscellaneous expenses.....	719.50
Total estimate, 1917.....	15,000.00	Total expenditures, 1915.....	14,977.48
Total appropriation, 1916.....	15,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Entomology—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
<p align="center">Tropical and subtropical fruit insects, 1917, \$17,100.</p> <p>Salaries..... \$10,850.00 As follows: In Washington— 1 entomologist and acting chief in absence of chief, \$4,000 (6 months). 1 scientific assistant, \$1,400.</p> <p>Out of Washington— 1 entomological assistant, \$2,250. 1 entomological assistant, \$2,000. 1 entomological assistant, \$1,400. 1 scientific assistant, \$1,800.</p> <p>Traveling expenses..... 2,950.00 Supplies and equipment..... 2,240.00 Miscellaneous expenses..... 1,060.00</p> <p>Total estimate, 1917..... 17,100.00 Total appropriation, 1916..... 20,100.00</p> <p>Decrease (by transfer of 1 entomological preparator, at \$840, 1 laborer, at \$340, 1 laborer, at \$720, and 1 laborer, at \$600 to statutory roll)..... 3,000.00</p>	<p align="center">Tropical and subtropical fruit insects, 1915, \$20,100.</p> <p>Salaries..... \$14,165.33 As follows: In Washington— 1 entomologist and acting chief in absence of chief, \$4,000 (6 months). 1 entomological assistant, \$1,400 (7 months). 1 scientific assistant, \$1,200 (11 months). 1 field assistant, \$1,200 (1 month). 1 entomological preparator, \$720 (11½ months). 2 painters, at \$3.50 per diem each (6 days).</p> <p>Out of Washington— 1 entomological assistant, \$2,250. 1 entomological assistant, \$2,000. 1 scientific assistant, \$1,800. 1 entomological assistant, \$1,400. 1 entomological preparator, \$1,000 (5 months). 1 unskilled laborer, \$840. 1 skilled laborer, \$720 (3 months). 1 skilled laborer, \$720 (½ month). 1 unskilled laborer, \$480.</p> <p>Traveling expenses..... 3,332.91 Supplies and equipment..... 1,837.90 Miscellaneous expenses..... 705.00</p> <p>Total expenditures, 1915..... 20,041.14</p>	
<p align="center">Investigations of the Mediterranean fruit fly, 1917, \$33,200.</p> <p>Salaries..... \$11,100.00 As follows: In Washington— 1 entomologist and acting chief in absence of chief, \$4,000 (6 months).</p> <p>Out of Washington— 1 entomological assistant, \$2,500. 1 scientific assistant, \$1,800. 1 inspector, \$1,600. 1 inspector, \$1,200. 2 inspectors, at \$1,000 each.</p> <p>Traveling expenses..... 15,000.00 Supplies and equipment..... 5,900.00 Miscellaneous expenses..... 1,200.00</p> <p>Total estimate, 1917..... 33,200.00 Total appropriation, 1916..... 33,200.00</p>	<p align="center">Investigations of the Mediterranean fruit fly, 1915, \$33,200.</p> <p>Salaries..... \$6,300.00 As follows: In Washington— 1 entomologist and acting chief in absence of chief, \$4,000 (6 months).</p> <p>Out of Washington— 1 entomological assistant, \$2,500. 1 scientific assistant, \$1,800.</p> <p>Traveling expenses..... 10,819.98 Supplies and equipment..... 861.73</p> <p>Total expenditures, 1915..... 17,981.71</p>	
<p align="center">Miscellaneous insects, 1917, \$57,980.</p> <p>Salaries..... \$43,511.33 As follows: In Washington— 1 assistant, \$2,000. 2 entomological assistants, at \$2,000 each. 1 entomological assistant, \$2,000 (8 months). 2 assistants, at \$1,800 each. 2 entomological assistants, at \$1,800 each. 1 expert, \$1,800. 2 assistants, at \$1,600 each. 1 entomological assistant, \$1,400. 1 scientific assistant, \$1,400. 1 field assistant, \$900. 3 student assistants, at \$300 each. 2 student assistants, at \$300 each (1½ months). 1 electrician, \$4 per diem (12 days). 1 laborer, \$720 (3 months). 1 electrician's helper, \$2 per diem (2 days). 1 collaborator, \$1 per annum.</p>	<p align="center">Miscellaneous insects, 1915, \$54,280.</p> <p>Salaries..... \$38,761.73 As follows: In Washington— 2 assistants, at \$2,000 each. 1 entomological assistant, \$2,000 (6 months). 2 assistants, at \$1,800 each. 2 entomological assistants, at \$1,800 each. 1 entomological assistant, \$1,800 (6 months). 1 expert, \$1,800 (3½ months). 1 entomological assistant, \$1,800 (1½ months). 2 assistants, at \$1,600 each. 1 entomological assistant, \$1,400. 1 scientific assistant, \$1,400. 1 scientific assistant, \$1,200 (3 months). 1 stenographer, \$1,200 (1 month). 1 clerk, \$1,000 (½ month). 1 stenographer, \$900 (1½ months). 1 field assistant, \$900 (½ month). 1 watchman, \$720. 1 skilled laborer, \$720 (3 months). 1 entomological preparator, \$720 (1½ months). 1 entomological preparator, \$720 (1 month). 1 entomological preparator, \$600 (2 months).</p>	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
General Expenses, Bureau of Entomology—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Miscellaneous insects, 1917, \$57,980.			
Out of Washington— 1 entomological assistant, \$2,250. 1 entomological assistant, \$2,200. 3 entomological assistants, at \$1,800 each. 1 entomological assistant, \$1,600. 3 entomological assistants, at \$1,400 each. 2 scientific assistants, at \$1,200 each. 1 field assistant, \$720. 1 collaborator, \$300.			
Traveling expenses.....	\$10,200.00		
Supplies and equipment.....	3,168.67		
Miscellaneous expenses.....	1,100.00		
Total estimate, 1917.....	57,980.00		
Total appropriation, 1916.....	54,280.00		
Increase (but as 2 clerks at \$1,200 each and 1 messenger at \$900 have been transferred to statutory roll, the actual increase is \$7,000).....			
	3,700.00		
Administrative expenses, 1917, \$3,000.			
Traveling expenses.....	\$1,000.00		
Supplies and equipment.....	1,800.00		
Miscellaneous expenses.....	200.00		
Total estimate, 1917.....	3,000.00		
No appropriation for 1916.			
Miscellaneous insects, 1915, \$54,280.			
In Washington—Continued.			
1 student assistant, \$300. 1 student assistant, \$300 (11 months). 1 student assistant, \$300 (8½ months). 1 student assistant, \$300 (6½ months). 1 student assistant, \$300 (4 months). 2 student assistants, at \$300 each (2½ months). 1 student assistant, \$300 (1½ months). 1 student assistant, \$300 (1½ months). 1 student assistant, \$300 (1 month). 2 student assistants, at \$300 each (½ month). 1 collaborator, \$300 (¾ month). 1 electrician, \$3.50 per diem (1 month). 2 painters, at \$3.50 per diem each (6 days).			
Out of Washington—			
1 entomological assistant, \$2,250. 1 entomological assistant, \$2,200. 1 entomological assistant, \$1,800. 1 field assistant, \$1,560 (1 month). 1 field assistant, \$1,500 (6 months). 1 entomological assistant, \$1,400. 1 entomological assistant, \$1,400 (7½ months). 1 scientific assistant, \$1,200. 1 stenographer and typewriter, \$1,200. 1 scientific assistant, \$1,200 (10 months). 1 field assistant, \$1,200 (4½ months). 1 messenger, \$900. 1 field assistant, \$840 (9 months). 2 entomological preparators, at \$720 each (1 month). 1 field assistant, \$600 (2 months). 2 collaborators, at \$300 each. 1 collaborator, \$300 (4 months). 1 collaborator, \$300 (1 month). 1 collaborator, \$60 per annum (7 months). 1 collaborator, \$12 per annum (3 months). 1 collaborator, \$1 per annum.			
Traveling expenses.....		\$7,878.18	
Supplies and equipment.....		5,886.97	
Miscellaneous expenses.....		1,100.00	
Total expenditures, 1915.....		53,626.88	

Preventing Spread of Moths, Bureau of Entomology—

- (44) To enable the Secretary of Agriculture to meet the emergency caused by the continued spread of the gipsy and brown tail moths by conducting such experiments as may be necessary to determine the best methods of controlling these insects; by introducing and establishing the parasites and natural enemies of these insects and colonizing them within the infested territory; by establishing and maintaining a quarantine against further spread in such manner as he shall deem best, in cooperation with the authorities of the different States concerned and with the several State experiment stations, including rent outside of the District of Columbia, the employment of labor in the city of Washington and elsewhere, *and for medical supplies and services and other assistance necessary for the immediate relief of foremen, scouts and laborers, and other employees injured while engaged in hazardous work under this item of appropriation*, and all other necessary expenses, **[\$310,000]** \$305,050 (*act Mar. 4, 1915, vol. 38, p. 1104, sec. 1*).....

\$305,050.00 \$310,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Preventing Spread of Moths, Bureau of Entomology—Continued.</i>			
Appropriations for 1907..... \$82,500 Appropriations for 1908..... 150,000 Appropriations for 1909..... 250,000 Appropriations for 1910..... 300,000 Appropriations for 1911..... 300,000 Appropriations for 1912..... 284,840 Appropriations for 1913..... 284,840 Appropriations for 1914..... 300,000 Appropriations for 1915..... 310,000 Appropriations for 1916..... 310,000	Estimates for 1908..... \$82,500 Estimates for 1909..... 150,000 Estimates for 1910..... 300,000 Estimates for 1911..... 300,000 Estimates for 1912..... 284,840 Estimates for 1913..... 284,840 Estimates for 1914..... 300,000 Estimates for 1915..... 297,540 Estimates for 1916..... 310,000 Estimates for 1917..... 305,050		
NOTE.—There is an apparent decrease in this item of \$4,950, due to the transfer of one administrative assistant at \$2,250, one entomological preparator at \$720, one mechanic at \$1,080, and one mechanic at \$900 to the statutory roll. New language has been added to this paragraph similar to that in the appropriation for general expenses of the Forest Service for the fiscal year 1916 (38 Stat., p. 1096) and in the estimates submitted by that service for the fiscal year 1917. This provision is recommended in order that immediate relief may be given laborers, scouts, and foremen injured while felling trees, cutting and burning brush, applying creosote, spraying arsenate of lead, and performing other hazardous operations in connection with the moth work. A number of accidents have occurred in previous years, several serious ones quite lately, but the bureau has been powerless to extend any relief to the men.			
Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.			
Preventing spread of moths, 1917, \$305,050.		Preventing spread of moths, 1915, \$310,000.	
Salaries..... \$237,233.00		Salaries..... \$231,222.18	
As follows:		As follows:	
In Washington—		In Washington—	
1 entomological assistant in charge, \$3,500.		1 entomological assistant, \$1,800 (10½ months).	
1 agent in charge scouting and extermination work, \$2,750.		1 clerk, \$1,200 (8½ months).	
1 assistant in charge quarantine and inspection, \$2,750.		Out of Washington—	
1 entomological assistant, \$1,800.		1 entomological assistant in charge, \$3,500 (3 months) and \$3,000 (9 months).	
3 entomological assistants, at \$1,600 each.		1 agent in charge, scouting and extermination, \$2,750.	
3 entomological assistants, at \$1,400 each.		1 assistant in charge quarantine and inspection, \$2,750.	
1 scientific assistant, \$1,800.		1 administrative assistant, \$2,250 (2½ months).	
1 scientific assistant, \$1,600.		1 entomological assistant, \$1,800 (9 months).	
2 scientific assistants, at \$1,200 each.		3 entomological assistants, at \$1,600 each.	
5 scientific assistants, at \$1,080 each.		2 entomological assistants, at \$1,400 each.	
1 scientific assistant, \$1,000.		1 entomological assistant, \$1,200.	
1 scientific assistant, \$900.		1 scientific assistant, \$1,800.	
1 assistant in forest management, \$1,600.		2 scientific assistants, at \$1,600 each (3 months).	
1 assistant in forest management, \$1,400.		1 scientific assistant, \$1,400 (9 months).	
1 assistant in forest management, \$1,200.		1 scientific assistant, \$1,400 (3 months).	
2 gipsy moth assistants, at \$1,400 each.		2 scientific assistants, at \$1,200 each (11 months).	
5 gipsy moth assistants, at \$1,200 each.		1 scientific assistant, \$1,080.	
7 gipsy moth assistants, at \$1,080 each.		1 scientific assistant, \$1,080 (11 months).	
15 gipsy moth assistants, at \$900 each.		1 scientific assistant, \$1,000 (11 months).	
1 collaborator, \$12 per annum.		1 scientific assistant, \$900 (1 month).	
1 collaborator, \$1 per annum.		2 scientific assistants, at \$900 each.	
300 foremen, scouts, and laborers, at various rates of pay (temporary).		1 assistant in forest management, \$1,600.	
		2 assistants in forest management, at \$1,200 each.	
		1 gipsy moth assistant, \$1,400 (9 months).	
		1 gipsy moth assistant, \$1,400 (1 month).	
		1 gipsy moth assistant, \$1,200 (11 months).	
		4 gipsy moth assistants, at \$1,200 each.	
		1 gipsy moth assistant, \$1,200 (1 month).	
		3 gipsy moth assistants, at \$1,080 each.	
		1 gipsy moth assistant, \$1,080 (11½ months).	
		3 gipsy moth assistants, at \$1,080 each (9 months).	
		1 gipsy moth assistant, \$1,080 (1 month).	
		5 gipsy moth assistants, at \$900 each (9 months).	
		2 gipsy moth assistants, at \$840 each (3 months).	
		1 general mechanic, \$1,080 (½ month).	
		1 general mechanic, \$900 (1 month).	
		1 entomological preparator, \$720.	
		1 collaborator, \$12 per annum.	
		1 collaborator, \$1 per annum.	
		270 foremen, scouts, and laborers, at various rates of pay (temporary).	
Traveling expenses..... 50,000.00		Traveling expenses..... 49,761.59	
Supplies and equipment..... 14,300.00		Supplies and equipment..... 17,462.18	
Miscellaneous expenses..... 3,517.00		Miscellaneous expenses..... 2,650.35	
Total estimate, 1917..... 305,050.00		Total expenditures, 1915..... 301,096.30	
Total appropriation, 1916..... 310,000.00			
Decrease (by transfer of 1 administrative assistant, at \$2,250; 1 general mechanic, at \$1,080; 1 general mechanic, at \$900; and 1 entomological preparator, at \$720, to statutory roll)..... 4,950.00			
Total for Bureau of Entomology (increase \$20,480)		\$850,380.00	\$829,900.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
BUREAU OF BIOLOGICAL SURVEY.		
<i>Salaries, Bureau of Biological Survey—</i>		
(1) One biologist, who shall be chief of bureau (<i>R. S., p. 87, secs. 522</i> <i>523; act Mar. 4, 1915, vol. 38, p. 1104, sec. 1</i>)-----	\$3,500.00	
(2) One chief clerk and executive assistant (<i>same acts</i>)-----	1,800.00	
(3) One administrative assistant (<i>same acts</i>)-----	2,250.00	
(4) One financial clerk (<i>same acts</i>)-----	1,600.00	
(5) Three clerks, class 3 (increase of 1 by transfer from lump fund for administrative expenses) (<i>same acts</i>)-----	4,800.00	
(6) Five clerks, class 2 (increase of 2 by transfer from lump funds for game preservation and food habits of birds and mammals) (<i>same acts</i>)-----	7,000.00	
(7) One clerk (by transfer from lump fund for protection of migratory birds) (<i>same acts</i>)-----	1,260.00	
(8) Five clerks, class 1 (<i>same acts</i>)-----	6,000.00	
(9) One clerk (by transfer from lump fund for food habits of birds and mammals) (<i>same acts</i>)-----	1,080.00	
(10) Three clerks, at \$1,000 each (<i>same acts</i>)-----	3,000.00	
(11) Three clerks, at \$900 each (increase of 1 in lieu of 1 draftsman at \$900 omitted) (<i>same acts</i>)-----	2,700.00	
NOTE.—This change in designation is recommended in order to have the title of this employee indicate more clearly the character of the work per- formed.		
(12) One clerk (by transfer from lump fund for administrative ex- penses) (<i>same acts</i>)-----	840.00	
(13) One clerk (by transfer from lump fund for food habits of birds and mammals) (<i>same acts</i>)-----	720.00	
(14) One preparator (<i>same acts</i>)-----	1,200.00	
(15) One preparator (by transfer from lump fund for food habits of birds and mammals) (<i>same acts</i>)-----	900.00	
(16) One messenger (<i>same acts</i>)-----	720.00	
(17) One photographer (<i>same acts</i>)-----	1,300.00	
(18) One game warden (<i>same acts</i>)-----	1,200.00	
【One draftsman, \$900, by change to 1 clerk, \$900, as above.】		
(19) Two messengers, messenger boys, or laborers, at \$480 each (<i>same</i> <i>acts</i>)-----	960.00	
(20) One messenger boy (by transfer from lump fund for food habits of birds and mammals) (<i>same acts</i>)-----	360.00	
(21) One laborer (<i>same acts</i>)-----	600.00	
(22) One charwoman (<i>same acts</i>)-----	240.00	
	\$44,030.00	\$34,470.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Bureau of Biological Survey—Continued.</i>		
Appropriations for 1907..... \$7,580	Estimates for 1908..... \$9,780	
Appropriations for 1908..... 7,580	Estimates for 1909..... 9,780	
Appropriations for 1909..... 7,580	Estimates for 1910..... 13,000	
Appropriations for 1910..... 13,000	Estimates for 1911..... 15,400	
Appropriations for 1911..... 15,400	Estimates for 1912..... 25,100	
Appropriations for 1912..... 24,000	Estimates for 1913..... 25,100	
Appropriations for 1913..... 25,100	Estimates for 1914..... 30,040	
Appropriations for 1914..... 29,990	Estimates for 1915..... 31,590	
Appropriations for 1915..... 32,790	Estimates for 1916..... 34,470	
Appropriations for 1916..... 34,470	Estimates for 1917..... 44,030	
NOTE.—Apparent increase, \$9,560: no actual increase, as follows:		
<i>Transfers from lump funds of this bureau, which funds have been correspondingly reduced.</i>		
1 clerk, class 3, from administrative expenses.....	\$1,600	
1 clerk, class 2, from game preservation.....	1,400	
1 clerk, class 2, from food habits of birds and mammals.....	1,400	
1 clerk, from protection of migratory birds.....	1,260	
1 clerk, from food habits of birds and mammals.....	1,080	
1 clerk, from administrative expenses.....	840	
1 clerk, from food habits of birds and mammals.....	720	
1 preparator, from food habits of birds and mammals.....	900	
1 messenger boy, from food habits of birds and mammals.....	360	
Apparent increase.....	9,560	
<i>Change of title.</i>		
1 clerk, \$900, in lieu of 1 draftsman, \$900.		
<i>General Expenses, Bureau of Biological Survey—</i>		
(23) For salaries and employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling, and all other expenses necessary in conducting investigations and carrying out the work of the bureau, as follows:		
(24) For the enforcement of sections 241, 242, 243, and 244 of the act approved Mar. 4, 1909, entitled "An act to codify, revise, and amend the penal laws of the United States," and for the enforcement of section 1 of the act approved May 25, 1900, entitled "An act to enlarge the powers of the Department of Agriculture, prohibit the transportation by interstate commerce of game killed in violation of local laws, and for other purposes," including all necessary investigations in connection therewith [\$16,000] (<i>acts May 25, 1900, vol. 31, p. 187, secs. 1-5; Mar. 4, 1915, vol. 38, pp. 1104, 1105, sec. 1</i>).....	\$14,600.00	
NOTE.—There is an apparent decrease in the above item of \$1,400, due to the transfer of 1 clerk at \$1,400 to the statutory roll.		
(25) For the maintenance of the Montana National Bison Range and other reservations and for the maintenance of game introduced into suitable localities on public lands, under supervision of the Biological Survey, including construction of fencing, wardens' quarters, shelters for animals, landings, roads, trails, bridges, ditches, telephone lines, rockwork, bulkheads, and other improvements necessary for the economical administration and protection of the reservations, and for the enforcement of section 84 of the act approved Mar. 4, 1909, entitled "An act to codify, revise, and amend the penal laws of the United States," \$21,000, of which sum \$2,500 may be used for the purchase, capture, and transportation of game for national reservations (<i>same acts</i>)...	21,000.00	
[For the improvement of the game preserve in Sullys Hill National Park, in the State of North Dakota, including the construction of all fences, sheds, buildings, corrals, roads, and other structures which may be necessary, in addition to the amount heretofore appropriated, \$5,000, the same to be available until expended.]		
NOTE.—The above paragraph is omitted as the money is available until expended.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Biological Survey—Continued.</i>		
<p>(26) For investigating the food habits of North American birds and mammals in relation to agriculture, horticulture, and forestry, including experiments and demonstrations in destroying wolves, coyotes, prairie dogs, and other animals injurious to agriculture and animal husbandry, and for investigations and experiments in connection with rearing of fur-bearing animals, including mink and marten, ["\$280,000"] \$275,540: <i>Provided</i>, That of this sum \$15,000 shall be used for the destruction of ground squirrels on the national forests, and other public lands: <i>And provided further</i>, That of this sum not more than \$5,000 may be used in investigating the disease of wild ducks in the Salt Lake Valley region of Utah: <i>And provided also</i>, That of this sum not less than \$125,000 shall be used on the national forests and the public domain in destroying wolves, coyotes, and other animals injurious to agriculture and animal husbandry (<i>acts May 25, 1900, vol. 31, p. 187, secs. 1-5; Mar. 4, 1915, vol. 38, pp. 1104, 1105, sec. 1</i>).....</p>	\$275, 540. 00	
<p>NOTE.—There is an apparent decrease in the above item of \$4,460, due to the transfer of 1 clerk at \$1,400, 1 clerk at \$1,080, 1 clerk at \$720, 1 messenger boy at \$360, and 1 preparator at \$900, to the statutory roll.</p>		
<p>(27) For biological investigations, including the relations, habits, geographic distribution, and migrations of animals and plants, and the preparation of maps of the life zones (<i>same acts</i>).....</p>	26, 500. 00	
<p>(28) For all necessary expenses for enforcing the provisions of the act approved Mar. 4, 1913 (37 Stat. L., pp. 847 and 848), relating to the protection of migratory game and insectivorous birds, and for cooperation with local authorities in the protection of migratory birds, and for necessary investigations connected therewith ["\$50,000"] (<i>same acts</i>).....</p>	99, 680. 00	
<p>NOTE.—There is an apparent increase in the above item of \$49,680, but, taking into consideration the transfer of 1 clerk at \$1,260 to the statutory roll, the actual increase is \$50,940. This additional sum is asked in order to enable the department more completely to enforce the provisions of the migratory-bird law than is possible with the present appropriation; also to make field investigations of the present condition of the migratory wild fowl resources of the country, in order to secure data as the basis for changes in the regulations and on which working plans may be made for the conservation and increase of migratory game birds. It is proposed to use \$29,480 of this increase for salaries of additional inspectors, wardens, specialists, and other assistants, and \$21,460 for field expenses and equipment.</p>		
<p>(29) For general administrative expenses connected with the above-mentioned lines of work, including cooperation with other Federal bureaus, departments, boards, and commissions, on request from them ["\$13,320"] (<i>same acts</i>).....</p>	12, 560. 00	
<p>NOTE.—There is an apparent decrease in the above item of \$760, but, taking into consideration the transfer to the statutory roll of 1 clerk at \$1,600 and 1 clerk at \$840, involving \$2,440, the actual increase is \$1,680. This additional money is needed for traveling expenses in cooperative work, mainly with the Forest Service in connection with the conservation and increase of game in the national forests.</p>		
<p>In all, for general expenses.....</p>	\$449, 880. 00	\$411,820.00
<p>Appropriations for 1907..... \$44, 420 Appropriations for 1908..... 44, 420 Appropriations for 1909..... 54, 420 Appropriations for 1910..... 74, 420 Deficiency act..... 7, 700 Appropriations for 1911..... 71, 520 Appropriations for 1912..... 115, 700 Appropriations for 1913..... 166, 300 Appropriations for 1914..... 141, 000 Appropriations for 1915..... 248, 500 Appropriations for 1916..... 411, 820</p>	<p>Estimates for 1908..... \$55, 920 Estimates for 1909..... 60, 170 Estimates for 1910..... 90, 170 Estimates for 1911..... 71, 520 Estimates for 1912..... 101, 000 Estimates for 1913..... 108, 300 Estimates for 1914..... 143, 000 Estimates for 1915..... 233, 500 Estimates for 1916..... 236, 820 Estimates for 1917..... 449, 880</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Biological Survey—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>			
Game preservation, 1917, \$14,600.		Game preservation, 1915, \$16,000.	
Salaries.....	\$8,375.00	Salaries.....	\$7,251.10
As follows:		As follows:	
In Washington—		In Washington—	
1 assistant in charge of game preservation, \$3,250 (6 months).		1 assistant in charge of game preservation, \$3,250 (3½ months).	
1 administrative assistant, \$2,500 (6 months).		1 administrative assistant, \$2,500 (10½ months).	
		1 administrative assistant, \$2,250 (2 months).	
		1 clerk, \$1,400 (2½ months).	
		1 clerk, \$900 (½ month).	
		1 special assistant, \$5 per day when actually employed (50 days).	
Out of Washington—		Out of Washington—	
2 inspectors, at \$1,500 each.		1 district inspector, \$1,500 (6 months).	
2 inspectors, at \$1,500 each (6 months).		1 district inspector, \$1,500 (2½ months).	
7 agents, inspectors of importations of foreign birds and mammals, at \$5 per inspection, \$1,000.		1 agent, inspecting importations of foreign birds and mammals, \$5 per inspection (60 inspections).	
		1 agent, inspecting importations of foreign birds and mammals, \$5 per inspection (42 inspections).	
		1 agent, inspecting importations of foreign birds and mammals, \$5 per inspection (18 inspections).	
		1 agent, inspecting importations of foreign birds and mammals, \$5 per inspection (11 inspections).	
		1 agent, inspecting importations of foreign birds and mammals, \$5 per inspection (4 inspections).	
		1 agent, inspecting importations of foreign birds and mammals, \$5 per inspection (1 inspection).	
Traveling expenses.....	4,225.00	Traveling expenses.....	885.43
Supplies and equipment.....	1,000.00	Supplies and equipment.....	285.02
Miscellaneous expenses.....	1,000.00	Miscellaneous expenses.....	47.44
Total estimate, 1917.....	14,600.00	Total expenditures, 1915.....	8,468.99
Total appropriation, 1916.....	16,000.00		
Decrease (by transfer of 1 clerk at \$1,400 to the statutory roll)....	1,400.00		
Maintenance of mammal and bird reservations, 1917, \$18,500.		Maintenance of mammal and bird reservations, 1915, \$18,500.	
Salaries.....	\$14,253.00	Salaries.....	\$10,845.50
As follows:		As follows:	
In Washington—		In Washington—	
1 assistant in charge, \$3,250 (6 months).		1 assistant in charge, \$3,250 (1 month).	
1 administrative assistant, \$2,500 (6 months).		1 administrative assistant, \$2,500 (1 month).	
Out of Washington—		Out of Washington—	
3 reservation inspectors, at \$1,500 each.		1 reservation inspector, \$1,500 (11 months).	
1 reservation inspector, \$50 per month.		1 reservation inspector, \$1,500 (10½ months).	
1 reservation inspector, \$40 per month.		1 reservation inspector, \$1,500 (5½ months).	
1 agent, \$1,500 (10 months).		1 reservation warden, \$1,500 (1 month).	
1 warden, \$900.		1 agent, \$125 per month (1 month).	
8 wardens, at \$25 per month each.		1 warden, \$900 (1 month).	
4 wardens, at \$15 per month each.		1 warden, \$75 per month (5½ months).	
1 warden, \$10 per month.		1 assistant warden, \$900 (7½ months).	
4 wardens, at \$1 per month each.		1 inspector, \$50 per month.	
3 wardens, at \$25 per month each (3 months).		7 wardens, at \$25 per month each.	
2 assistant wardens, at \$15 per month each (3 months).		1 warden, \$25 per month (10 months).	
		2 wardens, at \$25 per month each (3 months).	
		1 warden, \$25 per month (2 months).	
		4 wardens, at \$25 per month each (1½ months).	
		3 wardens, at \$15 per month each.	
		1 warden, \$15 per month (3 months).	
		1 warden, \$10 per month.	
		1 warden, \$1 per month.	
		1 assistant warden, \$50 per month (1 month).	
		2 assistant wardens, at \$25 per month each.	
		1 assistant warden, \$25 per month (1 month).	
		1 assistant warden, \$15 per month (1½ months).	
		1 assistant warden, \$1 per month (10 months).	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Biological Survey—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Maintenance of mammal and bird reservations, 1917, \$18,500.	Maintenance of mammal and bird reservations, 1915, \$18,500.	
Traveling expenses..... \$2,000.00 Supplies and equipment..... 1,500.00 Miscellaneous expenses..... 747.00 Total estimate, 1917..... 18,500.00 Total appropriation, 1916..... 18,500.00	Out of Washington—Continued. 1 assistant warden, \$1 per month (9 months). 1 reindeer herder, \$15 per month. 1 laborer, \$30 per month (1 month). 1 laborer, \$30 per month. 1 laborer, \$30 per month (1½ months). 1 laborer, \$25 per month (2½ months). Traveling expenses..... \$2,300.82 Supplies and equipment..... 2,485.88 Miscellaneous expenses..... 1,477.24 Total expenditures, 1915..... 17,109.44	
Game for national reservations, 1917, \$2,500.	Game for national reservations, 1915, \$2,500.	
Salaries..... \$250.00 As follows: Out of Washington— Agents, temporary, \$250. Traveling expenses..... 950.00 Supplies and equipment..... 600.00 Miscellaneous expenses..... 700.00 Total estimate, 1917..... 2,500.00 Total appropriation, 1916..... 2,500.00	Salaries..... \$166.66 As follows: Out of Washington— 1 agent, \$125 per month (½ month). 1 reservation inspector, \$1,500 (½ month). Traveling expenses..... 246.15 Supplies and equipment..... 13.45 Miscellaneous expenses..... 267.20 Total expenditures, 1915..... 693.46	
Food habits of birds and mammals, 1917, \$130,540.	Food habits of birds and mammals, 1915, \$95,000, and \$1,800 by transfer from investigating disease of wild ducks in Salt Lake Valley; total, \$96,800.	
Salaries..... \$79,037.50 As follows: In Washington— 1 assistant in charge of economic investigations, \$3,250 (9 months). 1 assistant biologist, \$2,400. 1 assistant biologist, \$2,250. 1 assistant biologist, \$2,250 (6 months). 2 assistant biologists, at \$2,000 each. 3 assistant biologists, at \$1,600 each. 1 assistant biologist, \$1,600 (6 months). 1 biological assistant, \$1,200. 2 assistants, at \$900 each. 1 student assistant, \$25 per month. Out of Washington— 7 biological assistants, at \$1,200 each. 1 biological assistant, \$1,200 (6 months). 1 biological assistant, \$1,000 (6 months). 7 biological assistants, at \$900 each. 1 biological assistant, \$900 (7 months). 1 inspector, \$1,200. 1 assistant, \$900. 10 hunters, at \$900 each. 20 foremen, at \$75 per month each (4 months). 15 teamsters, at \$75 per month each (4 months). 40 laborers, at \$65 per month each (4 months). 40 laborers, at \$60 per month each (4 months).	Salaries..... \$53,793.83 As follows: In Washington— 1 assistant in charge of economic investigations, \$3,000 (1½ months) and \$3,250 (9 months). 1 assistant in charge of economic ornithology, \$2,400. 1 scientific assistant, \$2,000 (10½ months). 3 assistant biologists, at \$2,000 each. 3 assistant biologists, at \$1,600 each. 1 assistant biologist, at \$1,600 (3½ months). 1 assistant in economic ornithology, \$900. 1 assistant, \$900 (6½ months). 1 assistant, \$75 per month (2½ months). 1 preparator in entomology, \$60 per month. 1 clerk, \$1,080 (3 months). 1 messenger boy, \$360 (4 months). Out of Washington— 6 biological assistants, at \$1,200 each (2 months). 1 biological assistant, \$1,200 (1 month). 1 biological assistant, \$1,200 (¾ month). 1 biological assistant, \$1,000 (1 month). 2 biological assistants, at \$900 each (2 months). 1 biological assistant, \$960 (1½ months). 1 biological assistant, \$900 (1½ months). 1 agent, \$1,000. 1 agent, \$100 per month (8 months). 1 agent, \$100 per month (10 months). 1 agent, \$75 per month (10 months). 1 predatory animal hunter, \$75 per month (½ month). 3 field assistants, at \$100 per month each (6 months). 1 field assistant, \$100 per month (5½ months). 1 field assistant, \$100 per month (5 months). 1 field assistant, \$100 per month (4 months). 1 field assistant, \$100 per month (3½ months). 1 field assistant, \$100 per month (3 months).	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Biological Survey—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Food habits of birds and mammals, 1917, \$130,540.		
	Food habits of birds and mammals, 1915, \$95,000, and \$1,800 by transfer from investigating disease of wild ducks in Salt Lake Valley; total, \$96,800.	
	Out of Washington—Continued.	
	5 field assistants, at \$100 per month each ($1\frac{1}{2}$ months).	
	1 field assistant, \$100 per month ($1\frac{1}{2}$ months).	
	1 field assistant, \$100 per month (6 months).	
	1 field assistant, \$85 per month ($5\frac{1}{2}$ months).	
	1 field assistant, \$85 per month ($3\frac{1}{2}$ months).	
	3 field assistants, at \$75 per month each (4 months).	
	1 field assistant, \$75 per month ($\frac{1}{10}$ month).	
	1 field assistant, \$75 per month ($1\frac{1}{10}$ months).	
	1 field assistant, \$75 per month ($3\frac{1}{2}$ months).	
	1 field assistant, \$75 per month ($1\frac{1}{8}$ months).	
	1 field assistant, \$75 per month ($1\frac{1}{2}$ months).	
	5 field assistants, at \$75 per month each (1 month).	
	1 field assistant, \$75 per month ($2\frac{1}{8}$ months).	
	1 field assistant, \$75 per month ($1\frac{1}{2}$ months).	
	1 field assistant, \$75 per month ($1\frac{1}{8}$ months).	
	1 field assistant, \$75 per month ($3\frac{1}{8}$ months).	
	1 field assistant, \$75 per month ($3\frac{1}{8}$ months).	
	1 field assistant, \$75 per month ($2\frac{1}{16}$ months).	
	1 field assistant, \$75 per month (2 months).	
	4 field assistants, at \$75 per month each ($1\frac{1}{4}$ months).	
	3 field assistants, at \$75 per month each ($1\frac{1}{4}$ months).	
	1 field assistant, \$75 per month (6 months).	
	1 field assistant, \$75 per month ($5\frac{3}{8}$ months).	
	1 field assistant, \$75 per month ($5\frac{1}{8}$ months).	
	1 field assistant, \$75 per month ($4\frac{1}{2}$ months).	
	2 field assistants, at \$75 per month each (3 months).	
	1 field assistant, \$75 per month ($2\frac{3}{8}$ months).	
	2 field assistants, at \$75 per month each (3 months).	
	1 field assistant, \$75 per month ($2\frac{3}{8}$ months).	
	2 field assistants, at \$75 per month each ($4\frac{1}{2}$ days).	
	1 special demonstrator, \$100 for job ($\frac{7}{16}$ month).	
	3 hunters, at \$80 per month each ($\frac{1}{2}$ month).	
	1 hunter, \$75 per month ($1\frac{1}{8}$ months).	
	1 hunter, \$75 per month ($1\frac{1}{8}$ months).	
	1 hunter, \$75 per month (1 month).	
	4 hunters, at \$75 per month each ($\frac{1}{2}$ month).	
	2 hunters, at \$75 per month each ($\frac{1}{8}$ month).	
	1 hunter, \$75 per month ($\frac{1}{16}$ month).	
	1 hunter, \$75 per month ($\frac{1}{2}$ month).	
	1 temporary assistant, \$3.50 per diem (7 days).	
	1 temporary assistant, \$75 per month ($1\frac{1}{8}$ months).	
	1 temporary assistant, \$75 per month ($\frac{1}{2}$ month).	
	1 temporary assistant, \$75 per month ($\frac{1}{8}$ month).	
	1 temporary assistant, \$75 per month ($\frac{1}{16}$ month).	
	1 temporary assistant, \$60 per month (1 month).	
	1 foreman, including use of team, \$115 per month (2 months).	
	1 foreman, including use of team, \$115 per month ($\frac{1}{16}$ month).	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Biological Survey—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Food habits of birds and mammals, 1917, \$130,540.	Food habits of birds and mammals, 1915, \$95,000, and \$1,800 by transfer from investigating disease of wild ducks in Salt Lake Valley; total, \$96,800.	
	Out of Washington—Continued.	
	1 foreman, including use of team, \$115 per month ($\frac{3}{4}$ month).	
	1 foreman, including use of team, \$110 per month (2 months).	
	1 foreman, including use of team, \$110 per month (1 month).	
	1 foreman, including use of horse, \$90 per month (2 months).	
	6 foremen, including use of horses, \$90 per month each (1 month).	
	1 foreman, including use of horse, \$85 per month ($1\frac{1}{2}$ months).	
	1 foreman, including use of horse, \$85 per month (1 month).	
	1 foreman, including use of horse, \$85 per month ($\frac{3}{4}$ month).	
	1 foreman, \$75 per month ($2\frac{3}{4}$ months).	
	1 foreman, \$75 per month ($2\frac{1}{4}$ months).	
	3 foremen, at \$75 per month each (2 months).	
	1 foreman, \$75 per month ($1\frac{1}{4}$ months).	
	1 foreman, \$75 per month (1 month).	
	2 foremen, at \$75 per month each ($\frac{3}{4}$ month).	
	1 foreman, \$75 per month ($\frac{3}{4}$ month).	
	1 foreman, \$75 per month ($\frac{1}{2}$ month).	
	1 foreman, \$75 per month ($\frac{3}{4}$ month).	
	1 foreman, \$75 per month ($\frac{1}{4}$ month).	
	1 foreman, \$75 per month ($\frac{1}{2}$ month).	
	1 foreman, \$75 per month ($\frac{1}{2}$ month).	
	1 teamster, including use of team, \$146.70 per month (1 month).	
	1 teamster, including use of team, \$135 per month (1 month).	
	1 teamster, including use of team, \$130 per month ($\frac{1}{2}$ month).	
	1 teamster, including use of team, \$115 per month (1 month).	
	1 teamster, including use of team, \$110 per month ($1\frac{1}{2}$ months).	
	1 teamster, including use of team, \$90 per month (2 months).	
	1 teamster, including use of horse, \$90 per month (1 month).	
	1 teamster, including use of horse, \$80 per month (1 month).	
	1 teamster, \$75 per month ($1\frac{1}{2}$ months).	
	1 teamster, \$75 per month ($\frac{1}{2}$ month).	
	1 teamster, including use of horse, \$75 per month ($\frac{3}{4}$ month).	
	1 teamster, \$75 per month ($\frac{3}{4}$ month).	
	1 teamster, \$75 per month ($\frac{1}{2}$ month).	
	1 teamster, \$65 per month ($\frac{1}{4}$ month).	
	1 laborer, including use of team, \$120 per month ($1\frac{1}{2}$ months).	
	1 laborer, including use of team, \$120 per month ($1\frac{1}{2}$ months).	
	1 laborer, including use of team and saddle horse, \$112.50 per month (1 month).	
	1 laborer, including use of team, \$90 per month ($\frac{1}{2}$ month).	
	1 laborer, including use of horse, \$90 per month ($\frac{1}{2}$ month).	
	1 laborer, including use of team, \$90 per month ($\frac{1}{4}$ month).	
	3 laborers, including use of horses, at \$80 per month each (2 months).	
	1 laborer, including use of horse, \$80 per month ($1\frac{1}{2}$ months).	
	2 laborers, including use of horses, at \$80 per month each ($1\frac{1}{2}$ months).	
	1 laborer, including use of horse, \$80 per month ($1\frac{1}{2}$ months).	
	6 laborers, including use of horses, at \$80 per month each (1 month).	
	1 laborer, including use of horse, \$80 per month (1 month).	
	1 laborer, including use of horse, \$80 per month ($\frac{1}{4}$ month).	
	1 laborer, including use of conveyance, \$75 per month (2 months).	
	1 laborer, including use of conveyance, \$75 per month ($1\frac{1}{4}$ months).	
	1 laborer, including use of conveyance, \$75 per month ($1\frac{1}{2}$ months).	
	1 laborer, including use of horse, \$75 per month ($2\frac{1}{2}$ months).	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Biological Survey—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 16 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Food habits of birds and mammals, 1917, \$130,540.	Food habits of birds and mammals, 1915, \$95,000, and \$1,800 by transfer from investigating disease of wild ducks in Salt Lake Valley; total, \$96,800.	
<p>Traveling expenses..... \$16,000.00</p> <p>Supplies and equipment..... 27,440.00</p> <p>Miscellaneous expenses..... 8,062.50</p> <p>Total estimate, 1917..... 130,540.00</p> <p>Total appropriation, 1916..... 135,000.00</p> <p>Decrease (by transfer of 1 clerk, \$1,400; 1 clerk, \$1,080; 1 clerk, \$720; 1 preparator, \$900, and 1 messenger boy, \$360, to statutory roll)..... 4,460.00</p>	<p>Out of Washington—Continued.</p> <p>1 laborer, including use of horse, \$75 per month ($1\frac{1}{2}$ months).</p> <p>2 laborers, including use of horses, at \$75 per month each (1 month).</p> <p>1 laborer, including use of horse, \$75 per month ($\frac{1}{2}$ month).</p> <p>1 laborer, including use of horse, \$75 per month ($\frac{1}{2}$ month).</p> <p>1 laborer, including use of horse, \$75 per month ($6\frac{1}{2}$ days).</p> <p>1 laborer, \$75 per month ($\frac{3}{4}$ month).</p> <p>1 laborer, \$75 per month ($\frac{3}{4}$ month).</p> <p>1 laborer, \$75 per month ($\frac{3}{4}$ month).</p> <p>1 laborer, \$75 per month ($\frac{3}{4}$ month).</p> <p>1 laborer, \$75 per month ($\frac{3}{4}$ month).</p> <p>1 laborer, \$75 per month ($\frac{3}{4}$ month).</p> <p>2 laborers, at \$67.50 per month each ($1\frac{1}{2}$ months).</p> <p>1 laborer, \$67.50 per month ($\frac{1}{2}$ month).</p> <p>1 laborer, \$65 per month ($4\frac{1}{2}$ months).</p> <p>2 laborers, \$65 per month each (3 months).</p> <p>7 laborers, at \$65 per month each (2 months).</p> <p>2 laborers, at \$65 per month each ($1\frac{1}{2}$ months).</p> <p>1 laborer, \$65 per month ($1\frac{1}{2}$ months).</p> <p>1 laborer, \$65 per month ($1\frac{1}{2}$ months).</p> <p>1 laborer, \$65 per month ($1\frac{1}{2}$ months).</p> <p>1 laborer, \$65 per month ($1\frac{1}{2}$ months).</p> <p>3 laborers, at \$65 per month each (1 month).</p> <p>1 laborer, \$65 per month ($\frac{1}{2}$ month).</p> <p>2 laborers, at \$65 per month each ($\frac{3}{4}$ month).</p> <p>1 laborer, \$65 per month ($\frac{1}{4}$ month).</p> <p>1 laborer, \$65 per month ($\frac{3}{4}$ month).</p> <p>1 laborer, \$65 per month ($\frac{3}{4}$ month).</p> <p>1 laborer, \$65 per month ($\frac{3}{4}$ month).</p> <p>1 laborer, \$65 per month ($\frac{1}{2}$ month).</p> <p>1 laborer, \$65 per month ($\frac{1}{2}$ month).</p> <p>1 laborer, \$65 per month ($\frac{1}{2}$ month).</p> <p>1 laborer, \$65 per month ($\frac{1}{2}$ month).</p> <p>2 laborers, at \$65 per month each ($1\frac{1}{2}$ months).</p> <p>1 laborer, \$65 per month ($\frac{1}{2}$ month).</p> <p>1 laborer, \$65 per month ($\frac{1}{2}$ month).</p> <p>1 laborer, \$60 per month ($2\frac{3}{4}$ months).</p> <p>1 laborer, \$60 per month ($2\frac{3}{4}$ months).</p> <p>1 laborer, \$60 per month ($1\frac{1}{2}$ months).</p> <p>1 laborer, \$60 per month ($1\frac{1}{2}$ months).</p> <p>1 laborer, \$60 per month ($1\frac{1}{2}$ months).</p> <p>1 laborer, \$60 per month ($1\frac{1}{2}$ months).</p> <p>1 laborer, \$60 per month ($1\frac{1}{2}$ months).</p> <p>1 laborer, \$60 per month ($1\frac{1}{2}$ months).</p> <p>1 laborer, \$60 per month ($1\frac{1}{2}$ months).</p> <p>2 laborers, at \$60 per month each ($1\frac{1}{2}$ months).</p> <p>1 laborer, \$60 per month (1 month).</p> <p>1 laborer, \$60 per month ($\frac{3}{4}$ month).</p> <p>1 laborer, \$60 per month ($\frac{3}{4}$ month).</p> <p>2 laborers, at \$60 per month each ($1\frac{1}{2}$ month).</p> <p>5 laborers, at \$60 per month each ($\frac{3}{4}$ month).</p> <p>1 laborer, \$60 per month ($\frac{3}{4}$ month).</p> <p>1 laborer, \$60 per month ($\frac{1}{4}$ month).</p> <p>1 laborer, \$60 per month ($\frac{1}{4}$ month).</p> <p>1 laborer, \$3 per diem (97 days).</p> <p>1 laborer, \$3 per diem (5 days).</p> <p>Traveling expenses..... \$10,990.52</p> <p>Supplies and equipment..... 21,374.70</p> <p>Miscellaneous expenses..... 5,357.88</p> <p>Total expenditures, 1915..... 91,516.93</p>	

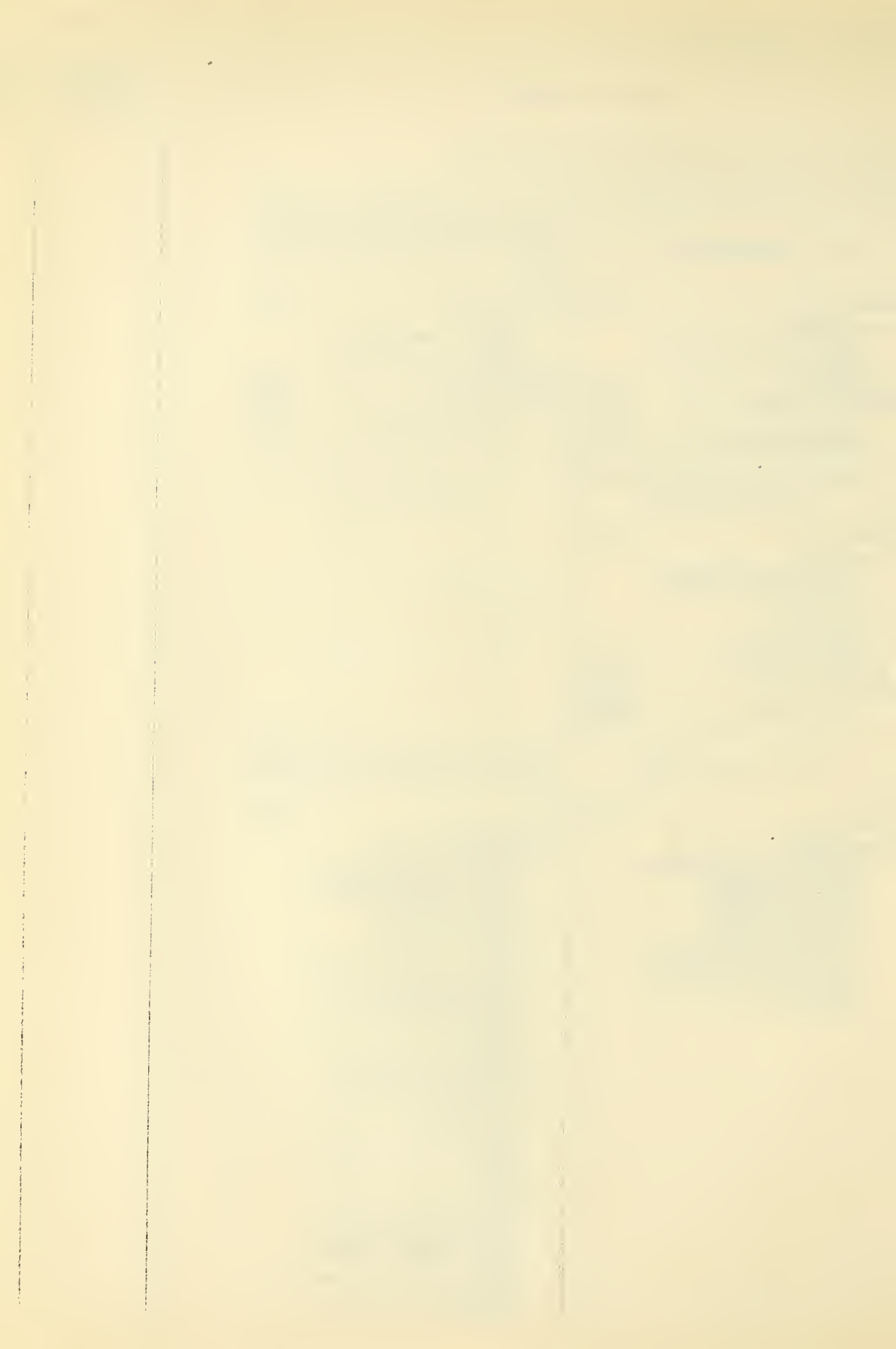
Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Biological Survey—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Exterminating ground squirrels on national forests and public lands, 1917, \$15,000.	Exterminating ground squirrels on national forests and public lands, 1915, \$15,000.	
Salaries..... \$7,275.00 As follows:	Salaries..... \$7,579.10 As follows:	
Out of Washington— 1 biological assistant, \$1,200 (6 months). 1 biological assistant, \$1,000 (6 months). 1 biological assistant, \$900 (5 months). 3 foremen, at \$75 per month each (4 months). 3 teamsters, at \$75 per month each (4 months). 8 laborers, at \$65 per month each (4 months). 8 laborers, at \$60 per month each (4 months).	In Washington— 1 assistant in charge of economic investigations, \$3,250 (1 month). 1 scientific assistant, \$2,000 (1½ months). Out of Washington— 1 biological assistant, \$1,200 (1 month). 1 biological assistant, \$1,000 (¾ month). 1 biological assistant, \$900 (1½ months). 1 biological assistant, \$900 (2½ months). 1 agent, \$100 per month (1½ months). 1 field assistant, \$100 per month (1½ months). 1 field assistant, \$85 per month (¾ month). 1 field assistant, \$85 per month (4 months). 2 field assistants, at \$75 per month each (4 months). 1 field assistant, \$75 per month (1½ months). 3 field assistants, at \$75 per month each (¾ month). 4 field assistants, at \$75 per month each (2½ months). 2 field assistants, at \$75 per month each (1 month). 1 field assistant, \$75 per month (2½ months). 1 field assistant, \$75 per month (1½ month). 1 field assistant, \$75 per month (1½ months). 1 field assistant, \$75 per month (3 months). 1 field assistant, \$75 per month (2½ months). 2 field assistants, at \$75 per month each (2½ months). 1 teamster, including use of team, \$150 per month (1 month). 1 teamster, including use of team, \$135 per month (1½ month). 1 teamster, including use of team, \$135 per month (1½ months). 1 teamster, including use of team, \$115 per month (1½ months). 1 teamster, \$75 per month (1½ months). 1 foreman, including use of team, \$135 per month (1 month). 1 foreman, including use of team, \$115 per month (1½ months). 1 foreman, including use of team, \$115 per month (1½ month). 1 foreman, \$75 per month (1½ months). 1 foreman, \$75 per month (1 month). 1 temporary assistant, \$75 per month (¾ month). 1 laborer, including use of team, \$95 per month (1 month). 1 laborer, including use of horse, \$80 per month (½ month). 1 laborer, including use of horse, \$80 per month (¾ month). 1 laborer, \$75 per month (1½ months). 1 laborer, \$75 per month (1 month). 1 laborer, \$75 per month (¾ month). 1 laborer, \$75 per month (¾ month). 1 laborer, \$75 per month (¾ month). 2 laborers, at \$65 per month each (1½ months). 3 laborers, at \$65 per month each (1½ months). 8 laborers, at \$65 per month each (1 month). 1 laborer, \$65 per month (½ month). 1 laborer, \$65 per month (½ month). 1 laborer, \$65 per month (¾ month). 3 laborers, at \$60 per month each (¾ month). 1 laborer, \$60 per month (¾ month). 1 laborer, \$60 per month (1 month). 1 laborer, \$60 per month (¾ month).	
Traveling expenses..... 2,000.00 Supplies and equipment..... 3,500.00 Miscellaneous expenses..... 2,225.00 Total estimate, 1917..... 15,000.00 Total appropriation, 1916..... 15,000.00	Traveling expenses..... 1,624.30 Supplies and equipment..... 2,911.12 Miscellaneous expenses..... 1,703.69 Total expenditures, 1915..... 13,718.11	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Biological Survey—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Investigating disease of wild ducks in Salt Lake Valley, 1917, \$5,000.		Investigating disease of wild ducks in Salt Lake Valley, 1915, \$5,000; less \$1,800 by transfer to food habits of birds and mammals; net amount, \$3,200.	
Salaries..... \$1,880.00		Salaries..... \$1,145.56	
As follows:		As follows:	
Out of Washington—		Out of Washington—	
1 assistant biologist, \$1,600 (6 months).		1 assistant biologist, \$1,600 (8 $\frac{1}{4}$ months).	
3 assistants, at \$60 per month each (6 months).		1 assistant, \$50 per month (1 $\frac{1}{2}$ months).	
Traveling expenses..... 1,700.00		Traveling expenses..... 1,043.67	
Supplies and equipment..... 600.00		Supplies and equipment..... 316.79	
Miscellaneous expenses..... 820.00		Miscellaneous expenses..... 70.79	
Total estimate, 1917..... 5,000.00		Total expenditures, 1915..... 2,576.81	
Total appropriation, 1916..... 5,000.00			
Destroying noxious animals on national forests and public domain, 1917, \$125,000.		No appropriation for 1915.	
Salaries..... \$85,037.50			
As follows:			
In Washington—			
1 assistant in charge of economic investigations, \$3,250 (3 months).			
1 biological assistant, \$2,250 (6 months).			
Out of Washington—			
1 inspector, \$1,500.			
8 inspectors, at \$1,200 each.			
80 hunters, at \$900 each.			
Traveling expenses..... 18,000.00			
Supplies and equipment..... 12,500.00			
Miscellaneous expenses..... 9,462.50			
Total estimate, 1917..... 125,000.00			
Total appropriation, 1916..... 125,000.00			
Biological investigations, 1917, \$26,500.		Biological investigations, 1915, \$26,500, plus \$1,000 by transfer from administrative expenses; total, \$27,500.	
Salaries..... \$19,075.00		Salaries..... \$18,635.88	
As follows:		As follows:	
In Washington—		In Washington—	
1 chief field naturalist, \$3,000.		1 chief field naturalist, \$3,000.	
1 assistant biologist in charge, \$3,000.		1 field naturalist, \$2,000.	
1 assistant biologist, \$2,250.		1 assistant in charge of biological investigations, \$3,000 (1 $\frac{1}{2}$ months).	
1 assistant biologist, \$2,200.		1 assistant biologist, \$2,200 (5 $\frac{1}{2}$ months).	
1 assistant biologist, \$2,100.		1 assistant biologist, \$2,000.	
1 assistant biologist, \$1,800.		1 assistant biologist, \$1,800.	
1 assistant biologist, \$1,400.		1 assistant biologist, \$1,400.	
1 consulting biologist, \$10 per day, when actually employed, \$500.		1 assistant ornithologist, \$1,800 (11 $\frac{1}{2}$ months).	
3 student assistants, at \$25 per month each (3 months).		1 consulting biologist, \$10 per diem, when actually employed (11 days).	
2 clerks, at \$50 per month each (6 months).		1 assistant, \$900 (2 $\frac{3}{4}$ months).	
		1 biological assistant, \$75 per month (6 months).	
		2 clerks, at \$50 per month each (2 $\frac{1}{2}$ months).	
		1 clerk, \$50 per month (3 months).	
		1 clerk, \$50 per month (1 $\frac{1}{4}$ month).	
		2 student assistants, at \$25 per month each (3 months).	
		2 student assistants, at \$25 per month each (2 $\frac{1}{2}$ months).	
		1 student assistant, \$25 per month (2 months).	
		1 student assistant, \$25 per month (2 months).	
		1 student assistant, \$25 per month (1 $\frac{1}{2}$ month).	
		1 student assistant, \$25 per month (1 $\frac{1}{2}$ month).	
		Out of Washington—	
		1 assistant biologist, \$150 per month (1 month).	
		1 assistant biologist, 75 cents per hour, when actually employed (62 $\frac{1}{2}$ hours).	
		1 biological assistant, \$1,200 (2 $\frac{1}{4}$ months).	
		1 biological assistant, \$100 per month (1 $\frac{1}{2}$ months).	
		1 field assistant, \$125 per month (6 months).	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Biological Survey—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Biological investigations, 1917, \$26,500.		Biological investigations, 1915, \$26,500, plus \$1,000 by transfer from administrative expenses; total, \$27,500.	
Traveling expenses..... \$5,200.00 Supplies and equipment..... 1,725.00 Miscellaneous expenses 500.00 Total estimate, 1917..... 26,500.00 Total appropriation, 1916..... 26,500.00		Out of Washington—Continued. 1 field assistant, \$125 per month (4 months). 1 field assistant, \$100 per month (4 months). 1 field assistant, \$100 per month (3 months). 1 field assistant, \$100 per month (2 months). 1 field assistant, \$100 per month (1½ months). 1 field assistant, \$100 per month (1 month). 1 field assistant, \$75 per month (5½ months). 1 field assistant, \$1 per month (⅞ month). 2 field assistants, at \$1 per month each (5½ months). 1 field assistant, \$1 per month (7½ months). Traveling expenses..... \$5,940.53 Supplies and equipment..... 1,801.08 Miscellaneous expenses 187.65 Total expenditures, 1915..... 26,565.14	
Protection of migratory birds, 1917, \$99,680.		Protection of migratory birds, 1915, \$50,000.	
Salaries..... \$56,540.00 As follows: In Washington— 1 administrative assistant, in charge migratory bird law, \$2,500. 1 assistant biologist, \$1,800. Out of Washington— 31 inspectors, at \$1,500 each. 4 field assistants, at \$100 per month each (4 months). 2 field assistants, at \$75 per month each (4 months). 295 cooperating wardens, at \$1 per month each.		Salaries..... \$28,244.97 As follows: In Washington— 1 administrative assistant, in charge migratory bird law, \$2,500 (9 months). 1 administrative assistant, acting in charge migratory bird law, \$2,500 (½ month). 1 clerk, \$1,200 (2 months). Out of Washington— 4 inspectors, at \$1,500 each. 1 inspector, \$1,500 (10½ months). 1 inspector, \$1,500 (10½ months). 7 inspectors, at \$1,500 each (10½ months). 1 inspector, \$1,500 (9½ months). 1 inspector, \$1,500 (8 months). 2 inspectors, at \$1,500 each (7 months). 2 inspectors, at \$1,500 each (6 months). 1 inspector, \$1,500 (5½ months). 144 wardens, at \$1 per month each. 3 wardens, at \$1 per month each (11 months). 1 warden, \$1 per month (10 months). 1 warden, \$1 per month (9 months). 1 warden, \$1 per month (8 months). 1 warden, \$1 per month (7½ months). 1 warden, \$1 per month (7 months). 22 wardens, at \$1 per month each (6 months). 4 wardens, at \$1 per month each (5½ months). 1 warden, \$1 per month (5⅞ months). 4 wardens, at \$1 per month each (5 months). 1 warden, \$1 per month (4½ months). 5 wardens, at \$1 per month each (4 months). 1 warden, \$1 per month (3½ months). 24 wardens, at \$1 per month each (1½ months). 1 warden, \$1 per month (1 month). 5 game protectors, at \$1 per annum each. Traveling expenses..... 16,264.57 Supplies and equipment..... 251.08 Miscellaneous expenses 182.85 Total expenditures, 1915..... 44,943.77	
Traveling expenses..... 37,600.00 Supplies and equipment..... 1,000.00 Miscellaneous expenses 4,540.00 Total estimate, 1917..... 99,680.00 Total appropriation, 1916..... 50,000.00 Increase (but as 1 clerk, \$1,200, is transferred to the statutory roll, the actual increase is \$50,940).. 49,680.00			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Biological Survey—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Administrative expenses, 1917, \$12,560.	Administrative expenses, 1915, \$15,000, less \$1,000 by transfer to biological investigations; net amount, \$14,000.		
Salaries..... \$5,410.00	Salaries..... \$6,932.75		
As follows:	As follows:		
In Washington—	In Washington—		
1 assistant chief of bureau, \$3,250.	1 assistant chief of bureau, \$3,250.		
2 temporary assistants, at \$100 per month each (6 months).	1 preparator, \$1,200.		
1 temporary assistant, \$85 per month (6 months).	1 electrical wireman, \$900 (1½ months).		
1 temporary assistant, \$75 per month (6 months).	1 cabinetmaker, \$900 (4½ months).		
	1 cabinetmaker, \$3.50 per diem, when actually employed (28½ days).		
	1 painter, \$840 (4 months).		
	1 watchman, \$720 (6½ months).		
	1 watchman, \$720 (½ month).		
	1 watchman, \$2 per diem, when actually employed (150 days).		
	1 messenger, \$480.		
	1 electrician's helper, \$2 per diem, when actually employed (48½ days).		
	1 charwoman, \$20 per month (1 month).		
	Out of Washington—		
	1 assistant warden, \$900 (4½ months).		
Traveling expenses..... 3,500.00	Traveling expenses..... 516.17		
Supplies and equipment..... 2,500.00	Supplies and equipment..... 3,722.86		
Miscellaneous expenses..... 1,150.00	Miscellaneous expenses..... 865.83		
Total estimate, 1917..... 12,560.00	Total expenditures, 1915..... 12,037.61		
Total appropriation, 1916..... 13,320.00			
Decrease (but as 1 clerk, \$1,600, and 1 clerk, \$840, have been transferred to the statutory roll, the actual increase is \$1,680).... 760.00			
Total for Bureau of Biological Survey (increase \$47,620).....		\$493,910.00	\$446,290.00
DIVISION OF ACCOUNTS AND DISBURSEMENTS.			
<i>Salaries, Division of Accounts and Disbursements—</i>			
(1) One chief of division and disbursing clerk (<i>R. S.</i> , p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1106, sec. 1).....	\$4,000.00		
(2) One supervising auditor (<i>same acts</i>).....	2,250.00		
(3) One cashier and chief clerk (<i>same acts</i>).....	2,250.00		
(4) One deputy disbursing clerk (<i>same acts</i>).....	2,000.00		
(5) One accountant and bookkeeper (<i>same acts</i>).....	2,000.00		
(6) Two clerks, class 4 (<i>same acts</i>).....	3,600.00		
(7) Four clerks, class 3 (<i>same acts</i>).....	6,400.00		
(8) Five clerks, class 2 (<i>same acts</i>).....	7,000.00		
(9) Five clerks, class 1 (<i>same acts</i>).....	6,000.00		
(10) Four clerks, at \$1,000 each (<i>same acts</i>).....	4,000.00		
(11) Three clerks, at \$900 each (<i>same acts</i>).....	2,700.00		
(12) One custodian of records and files (<i>same acts</i>).....	1,400.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Division of Accounts and Disbursements—Continued.</i>			
(13) One messenger (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1106, sec. 1</i>)	\$720. 00		
(14) One messenger or messenger boy (<i>same acts</i>)	600. 00		
Appropriations for 1907..... \$32,210 Estimates for 1908..... \$11,790 Appropriations for 1908..... 41,790 Estimates for 1909..... 46,490 Appropriations for 1909..... 46,690 Estimates for 1910..... 56,090 Appropriations for 1910..... 61,490 Estimates for 1911..... 61,490 Appropriations for 1911..... 79,990 Estimates for 1912..... 98,470 Appropriations for 1912..... 97,520 Estimates for 1913..... 104,620 Appropriations for 1913..... 104,620 Estimates for 1914..... 104,170 Appropriations for 1914..... 104,370 Estimates for 1915..... 59,920 Appropriations for 1915..... 46,320 Estimates for 1916..... 44,920 Appropriations for 1916..... 44,920 Estimates for 1917..... 44,920			
Total for Division of Accounts and Disbursements		\$44, 920. 00	\$44, 920. 00
DIVISION OF PUBLICATIONS.			
<i>Salaries, Division of Publications—</i>			
(1) One editor, who shall be chief of division (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1106, sec. 1</i>)	\$3, 250. 00		
(2) One editor, who shall be assistant chief of division (<i>same acts</i>)	2, 500. 00		
(3) One chief clerk (<i>same acts</i>)	2, 000. 00		
(4) Two assistant editors, at \$2,000 each (<i>same acts</i>)	4, 000. 00		
(5) Four assistant editors, at \$1,800 each (<i>same acts</i>)	7, 200. 00		
(6) One assistant editor (<i>same acts</i>)	1, 600. 00		
(7) One assistant editor (<i>same acts</i>)	1, 400. 00		
(8) One assistant editor in charge of indexing (<i>same acts</i>)	2, 000. 00		
(9) One indexer (<i>same acts</i>)	1, 400. 00		
(10) One assistant in charge of illustrations (<i>same acts</i>)	2, 100. 00		
(11) Two draftsmen or photographers, at \$1,600 each (<i>same acts</i>)	3, 200. 00		
(12) Two draftsmen or photographers, at \$1,500 each (<i>same acts</i>)	3, 000. 00		
(13) Two draftsmen or photographers, at \$1,400 each (<i>same acts</i>)	2, 800. 00		
(14) One draftsman or photographer (<i>same acts</i>)	1, 300. 00		
(15) Six draftsmen or photographers, at \$1,200 each (<i>same acts</i>)	7, 200. 00		
(16) One assistant photographer (<i>same acts</i>)	900. 00		
(17) One assistant in charge of document section (<i>same acts</i>)	2, 000. 00		
(18) One assistant in document section (<i>same acts</i>)	1, 800. 00		
(19) One foreman, miscellaneous distribution (<i>same acts</i>)	1, 500. 00		
(20) One forewoman (<i>same acts</i>)	1, 400. 00		
(21) One clerk, class 3 (<i>same acts</i>)	1, 600. 00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Division of Publications—Continued.</i>		
(22) One clerk, class 2 (<i>R. S.</i> , p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1106, sec. 1).....	\$1,400.00	
(23) Nine clerks, class 1 (<i>same acts</i>).....	10,800.00	
(24) Sixteen clerks, at \$1,000 each (<i>same acts</i>).....	16,000.00	
(25) Forty clerks, at \$900 each (<i>same acts</i>).....	36,000.00	
(26) Eighteen clerks, at \$840 each (<i>same acts</i>).....	15,120.00	
(27) Two skilled laborers, at \$900 each (<i>same acts</i>).....	1,800.00	
(28) Seven skilled laborers, at \$840 each (decrease of 1 by transfer to statutory roll of Secretary's office) (<i>same acts</i>).....	5,880.00	
(29) Four skilled laborers, at \$780 each (<i>same acts</i>).....	3,120.00	
(30) One chief folder (<i>same acts</i>).....	1,200.00	
(31) Seventeen skilled laborers, at \$720 each (decrease of 1 by transfer to statutory roll of Secretary's office, and 2 new places, making a net increase of 1) (<i>same acts</i>).....	12,240.00	
NOTE.—The two skilled laborers, at \$720 each, are needed in order to properly care for the work of addressing envelopes, duplicating, folding, storing, sacking, and mailing circulars, etc., and cutting stencils and paper. The work has so increased in volume that it is impossible for the present force to handle it promptly or satisfactorily. In 1915 there was an increase of 732,000 in the number of envelopes to be addressed for one bureau alone. Still further increases have been authorized for next year. Nearly 10,000,000 copies of circulars, etc., were received and distributed last year.		
(32) One folder (<i>same acts</i>).....	1,000.00	
(33) Two folders, at \$900 each (<i>same acts</i>).....	1,800.00	
(34) Two skilled laborers, at \$1,100 each (<i>same acts</i>).....	2,200.00	
(35) One skilled laborer (<i>same acts</i>).....	1,000.00	
(36) Two messengers, at \$840 each (<i>same acts</i>).....	1,680.00	
(37) Two messengers, at \$720 each (<i>same acts</i>).....	1,440.00	
(38) Three messengers or messenger boys, at \$600 each (<i>same acts</i>)....	1,800.00	
(39) Two messengers or messenger boys, at \$480 each (<i>same acts</i>).....	960.00	
(40) Two messengers or messenger boys, at \$420 each (<i>same acts</i>).....	840.00	
(41) Two messengers or messenger boys, at \$360 each (<i>same acts</i>).....	720.00	
(42) One laborer (<i>same acts</i>).....	840.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Division of Publications—Continued.</i>		
(43) Two laborers, at \$600 each (by transfer from lump fund for extra labor of Secretary's office, which fund has not been correspondingly reduced) (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1106, sec. 1</i>) -----	\$1,200.00	
NOTE.—It is proposed to transfer from the Secretary's office two laborers at \$600 each. These employees are now detailed to this division, and their services will be needed permanently in connection with the steadily increasing work, as explained in the preceding note. The lump-fund roll of the Secretary's office has not been correspondingly reduced, as the fund is small and the entire amount of the appropriation will be needed next year for temporary emergency employments.		
(44) Four charwomen, at \$480 each (<i>same acts</i>) -----	1,920.00	
(45) Three charwomen, at \$240 each (<i>same acts</i>) -----	720.00	
	\$175,830.00	\$174,750.00
Appropriations for 1907..... \$116,270	Estimates for 1908..... \$128,650	
Appropriations for 1908..... 126,550	Estimates for 1909..... 141,830	
Appropriations for 1909..... 139,710	Estimates for 1910..... 141,980	
Appropriations for 1910..... 173,450	Estimates for 1911..... 172,730	
Appropriations for 1911..... 172,730	Estimates for 1912..... 177,510	
Appropriations for 1912..... 179,960	Estimates for 1913..... 181,110	
Appropriations for 1913..... 194,700	Estimates for 1914..... 165,810	
Appropriations for 1914..... 166,410	Estimates for 1915..... 171,090	
Appropriations for 1915..... 170,750	Estimates for 1916..... 174,750	
Appropriations for 1916..... 174,750	Estimates for 1917..... 175,830	
NOTE.—Apparent increase, \$1,080; actual increase, \$2,640, as follows:		
<i>New places.</i>		
2 skilled laborers, at \$720 each	\$1,440	
<i>Transfers from lump fund for extra labor of Secretary's office, which fund has not been correspondingly reduced.</i>		
2 laborers, at \$600 each.....	1,200	
Actual increase.....	\$2,640	
<i>Transfers to statutory roll of Secretary's office and statutory roll of this division correspondingly reduced.</i>		
1 skilled laborer	840	
1 skilled laborer	720	
	1,560	
Apparent increase.....	1,080	
<i>General Expenses, Division of Publications—</i>		
(46) For miscellaneous objects of expenditure in connection with the publication, indexing, illustration, and distribution of bulletins, documents, and reports, as follows:		
(47) For labor-saving machinery, including necessary supplies ["\$2,000"] (<i>act Mar. 4, 1915, vol. 38, p. 1106, sec. 1</i>) -----	\$3,000.00	
NOTE.—The increase of \$1,000 is needed to provide new machines or to replace worn-out parts of machines now on hand. The present appropriation is barely sufficient to purchase supplies and it is impossible to buy needed machinery.		
(48) For envelopes, stationery, and materials ["\$6,000"] (<i>same act</i>) ----	6,500.00	
NOTE.—There is an increase in the above subappropriation of \$500. The great increase in the number of forms, circulars of information, instructions, orders, etc., mailed from this division will require at least 1,000,000 additional envelopes. Additional paper will be required in proportion.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Division of Publications—Continued.</i>			
(49) For office furniture and fixtures (<i>act Mar. 4, 1915, vol. 38, p. 1106, sec. 1</i>)	\$1, 000. 00		
(50) For photographic equipment and for photographic materials and artists' tools and supplies (<i>same act</i>)	6, 000. 00		
(51) For telephone and telegraph service and freight and express charges (<i>same act</i>)	250. 00		
(52) For wagons, bicycles, horses, harness, and maintenance of the same (<i>same act</i>)	500. 00		
(53) For purchase of manuscripts, traveling expenses, electrotypes, illustrations, and other expenses not otherwise provided for (<i>same act</i>)	3, 000. 00		
In all, for general expenses		\$20, 250. 00	\$18, 750. 00
Appropriations for 1907..... \$132, 250 Estimates for 1908..... ¹ \$40, 000 Appropriations for 1908..... ¹ 35, 000 Estimates for 1909..... 40, 000 Appropriations for 1909..... 40, 000 Estimates for 1910..... 70, 000 Appropriations for 1910..... 33, 000 Estimates for 1911..... 30, 000 Appropriations for 1911..... 30, 000 Estimates for 1912..... 30, 000 Appropriations for 1912..... 30, 000 Estimates for 1913..... 25, 000 Appropriations for 1913..... 25, 000 Estimates for 1914..... 18, 250 Appropriations for 1914..... 18, 250 Estimates for 1915..... 18, 750 Appropriations for 1915..... 18, 750 Estimates for 1916..... 18, 750 Appropriations for 1916..... 18, 750 Estimates for 1917..... 20, 250			
¹ Beginning with 1908 Farmers' Bulletins provided for under printing and binding in the sundry civil bill.			
Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.			
Labor-saving material and machinery, 1917, \$3,000.		Labor-saving material and machinery, 1915, \$2,000.	
Supplies and equipment.....	\$2, 980. 00	Supplies and equipment.....	\$1, 992. 20
Miscellaneous expenses.....	20. 00	Miscellaneous expenses.....	.56
Total estimate, 1917.....	3, 000. 00	Total expenditures, 1915.....	1, 992. 76
Total appropriation, 1916.....	2, 000. 00		
Increase.....	1, 000. 00		
Stationery and materials, 1917, \$6,500.		Stationery and materials, 1915, \$6,000.	
Supplies and equipment.....	\$6, 500. 00	Supplies and equipment.....	\$5, 963. 48
Total estimate, 1917.....	6, 500. 00	Total expenditures, 1915.....	5, 963. 48
Total appropriation, 1916.....	6, 000. 00		
Increase.....	500. 00		
Furniture and fixtures, 1917, \$1,000.		Furniture and fixtures, 1915, \$1,000.	
Supplies and equipment.....	\$1, 000. 00	Supplies and equipment.....	\$990. 31
Total estimate, 1917.....	1, 000. 00	Total expenditures, 1915.....	990. 31
Total appropriation, 1916.....	1, 000. 00		
Photographic equipment, 1917, \$6,000.		Photographic equipment, 1915, \$6,000.	
Supplies and equipment.....	\$5, 950. 00	Supplies and equipment.....	\$5, 932. 39
Miscellaneous expenses.....	50. 00	Miscellaneous expenses.....	42. 50
Total estimate, 1917.....	6, 000. 00	Total expenditures, 1915.....	5, 974. 89
Total appropriation, 1916.....	6, 000. 00		
Communication and transportation service, 1917, \$250.		Communication and transportation service, 1915, \$250.	
Miscellaneous expenses.....	\$250. 00	Miscellaneous expenses.....	\$214. 39
Total estimate, 1917.....	250. 00	Total expenditures, 1915.....	214. 39
Total appropriation, 1916.....	250. 00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Division of Publications—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Wagons, horses, etc., 1917, \$500.	Wagons, horses, etc., 1915, \$500.		
Supplies and equipment..... \$500.00	Supplies and equipment..... \$364.91		
Total estimate, 1917..... 500.00	Total expenditures, 1915..... 364.91		
Total appropriation, 1916..... 500.00			
Miscellaneous expenses, 1917, \$3,000.	Miscellaneous expenses, 1915, \$3,000.		
Traveling expenses..... \$100.00	Supplies and equipment..... \$2,650.73		
Supplies and equipment..... 2,600.00	Miscellaneous expenses..... 293.59		
Miscellaneous expenses..... 300.00	Total expenditures, 1915..... 2,944.32		
Total estimate, 1917..... 3,000.00			
Total appropriation, 1916..... 3,000.00			
Total for Division of Publications (increase \$2,580)		\$196,080.00	\$193,500.00
BUREAU OF CROP ESTIMATES.			
<i>Salaries, Bureau of Crop Estimates—</i>			
(1) One statistician, who shall be chief of bureau (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1107, sec. 1</i>)	\$4,000.00		
(2) One chief clerk (<i>same acts</i>).....	1,800.00		
(3) Six clerks, class 4 (<i>same acts</i>)	10,800.00		
(4) Nine clerks, class 3 (<i>same acts</i>).....	14,400.00		
(5) Fifteen clerks, class 2 (increase of 1 submitted) (<i>same acts</i>)	21,000.00		
NOTE.—This additional clerk is needed to keep up the work of the bureau. The bureau is handicapped by lack of sufficient clerical force to handle the work, which has probably doubled in the past ten years and is steadily increasing.			
(6) One clerk (<i>same acts</i>)	1,300.00		
(7) Nineteen clerks, class 1 (<i>same acts</i>)	22,800.00		
(8) Nineteen clerks, at \$1,000 each (increase of 2 submitted) (<i>same acts</i>).....	19,000.00		
NOTE.—These two additional clerks are needed for the reason stated in the preceding note.			
(9) Twenty-four clerks, at \$900 each (increase of 3 submitted) (<i>same acts</i>).....	21,600.00		
NOTE.—These three additional clerks are requested for the reason given in the preceding note.			
(10) Two messengers, at \$840 each (<i>same acts</i>)	1,680.00		
(11) Two messengers or laborers, at \$720 each (<i>same acts</i>)	1,440.00		
(12) Two messengers, messenger boys, or laborers, at \$660 each (<i>same acts</i>)	1,320.00		
(13) One messenger, messenger boy, or laborer (<i>same acts</i>)	480.00		
(14) One charwoman, messenger, or laborer (<i>same acts</i>)	540.00		
(15) Two charwomen, messenger boys, or laborers, at \$360 each (<i>same acts</i>)	720.00		
		122,880.00	116,780.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
Salaries, Bureau of Crop Estimates—Continued.			
Appropriations for 1907.....	\$97,660	Estimates for 1908.....	\$97,340
Appropriations for 1908.....	97,040	Estimates for 1909.....	96,440
Appropriations for 1909.....	96,640	Estimates for 1910.....	104,580
Appropriations for 1910.....	103,860	Estimates for 1911.....	104,700
Appropriations for 1911.....	104,700	Estimates for 1912.....	109,670
Appropriations for 1912.....	108,720	Estimates for 1913.....	111,720
Appropriations for 1913.....	112,380	Estimates for 1914.....	115,880
Appropriations for 1914.....	115,380	Estimates for 1915.....	114,180
Appropriations for 1915.....	115,580	Estimates for 1916.....	116,780
Appropriations for 1916.....	116,780	Estimates for 1917.....	122,880
NOTE.—Actual increase, \$6,100, as follows:			
New places.			
1 clerk, class 2.....		\$1,400	
2 clerks, at \$1,000 each.....		2,000	
3 clerks, at \$900 each.....		2,700	
Actual increase.....		6,100	
General Expenses, Bureau of Crop Estimates—			
(16) For all necessary expenses for collecting, compiling, abstracting, analyzing, summarizing, and interpreting data relating to agriculture; for making and publishing periodically crop and live stock estimates, including acreage, yield, and value of farm products, as follows:			
(17) Salaries and employment of labor in the city of Washington and elsewhere, supplies, telegraph and telephone service, freight and express charges, and all other necessary miscellaneous administrative expenses (<i>act Mar. 4, 1915, vol. 38, p. 1107, sec. 1</i>).....		\$24,700.00	
(18) Salaries, travel, and other necessary expenses of employees out of the city of Washington engaged in field investigations ["\$142,000"] (<i>same act</i>).....		168,856.00	
NOTE.—An increase in the above subappropriation of \$26,856 is requested as follows:			
(a) \$4,824 for three field agents, at \$1,608 each per annum, for the States of California, Texas, and New Mexico. Experience shows that California and Texas are too large in area and too important in crops grown to be successfully handled by one man in each State, as at present. The field agent in each of these States is in urgent need of an assistant. There is no field agent in New Mexico and the work is now handled by the agent for Arizona. This arrangement is unsatisfactory and should be corrected.			
(b) \$5,216 for two fruit field agents at \$1,608 each per annum to report upon fruit conditions in specified portions of the country, and one fruit-crop specialist at \$2,000 per annum to have general charge of fruit-crop investigations in the United States. The bureau is not able with its present force to give to fruit-crop estimating the attention that its importance warrants. Field agents are needed who can give the work their individual attention and whose training and experience especially fit them for studying fruit conditions.			
(c) \$3,216 for two truck-crop specialists, at \$1,608 each per annum. The work of truck reporting is being organized and developed rapidly. At present one man is endeavoring, with the aid of two clerks and special lists of reporters, to estimate truck-crop acreages and yields for the entire country and to issue reports monthly or oftener. At least two assistants are necessary to make the work thoroughly effective.			
(d) \$12,000 for travel for the eight new agents, at \$1,500 each. This amount will provide only for the minimum necessary travel.			
(e) \$1,600 is necessary for supplies and equipment for the new agents.			
In all, for general expenses.....		\$193,556.00	\$166,700.00
Appropriations for 1907.....	\$112,900	Estimates for 1908.....	\$127,900
Appropriations for 1908.....	122,900	Estimates for 1909.....	142,900
Appropriations for 1909.....	125,000	Estimates for 1910.....	136,200
Appropriations for 1910.....	117,060	Estimates for 1911.....	115,620
Appropriations for 1911.....	115,620	Estimates for 1912.....	121,900
Appropriations for 1912.....	122,900	Estimates for 1913.....	128,300
Appropriations for 1913.....	128,300	Estimates for 1914.....	128,300
Appropriations for 1914.....	128,300	Estimates for 1915.....	186,500
Appropriations for 1915.....	160,000	Estimates for 1916.....	174,656
Appropriations for 1916.....	166,700	Estimates for 1917.....	193,556

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Bureau of Crop Estimates—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>			
Administrative expenses, 1917, \$24,700.	Administrative expenses, 1915, \$24,700; plus \$2,470 transferred from field investigations; total, \$27,170.		
Salaries..... \$19,361.00	Salaries..... \$19,591.81		
As follows:	As follows:		
In Washington—	In Washington—		
1 assistant chief of bureau, \$3,264.	1 assistant chief of bureau, \$3,264.		
1 statistical scientist, \$3,504.	1 statistical scientist, \$3,504.		
2 statistical scientists, at \$2,520 each.	2 statistical scientists, at \$2,520 each.		
1 chief, division of crop reports, \$2,760.	1 chief, division of crop reports, \$2,760.		
1 assistant chief, division of crop reports, \$2,040.	1 assistant chief, division of crop reports, \$2,040.		
1 chief, division of crop records, \$2,256.	1 chief, division of crop records, \$2,256.		
Temporary assistance, \$500.	Temporary assistance, \$727.81.		
Supplies and equipment..... 4,000.00	Supplies and equipment..... 4,360.93		
Miscellaneous expenses..... 1,336.00	Miscellaneous expenses..... 1,506.91		
Total estimate, 1917..... 24,700.00	Total expenditures, 1915..... 25,459.65		
Total appropriation, 1916..... 24,700.00			
Field investigations, 1917, \$168,856.	Field investigations, 1915, \$135,300; less \$2,470 transferred to administrative expenses; net amount, \$132,830.		
Salaries..... \$90,092.00	Salaries..... \$68,610.77		
As follows:	As follows:		
Out of Washington—	Out of Washington—		
2 field agents, at \$2,256 each.	2 field agents, at \$2,256 each.		
7 field agents, at \$2,016 each.	5 field agents, at \$2,016 each.		
17 field agents, at \$1,800 each.	1 field agent, \$2,016 (11½ months).		
16 field agents, at \$1,608 each.	1 field agent, \$2,016 (2 months).		
1 cotton crop specialist, \$2,400.	5 field agents, at \$1,800 each.		
1 tobacco crop specialist, \$1,800.	1 field agent, \$1,800 (5 months).		
1 rice crop specialist, \$1,608.	1 field agent, \$1,800 (2 months).		
2 truck crop specialists, at \$1,608 each.	13 field agents, at \$1,608 each.		
1 fruit crop specialist, \$2,000.	5 field agents, at \$1,608 each (11½ months).		
2 fruit field agents, at \$1,608 each.	1 field agent, \$1,608 (11 months).		
1 special agent, \$900.	1 field agent, \$1,608 (8 months).		
Traveling expenses..... 73,000.00	1 field agent, \$1,608 (6 months).		
Supplies and equipment..... 5,264.00	1 field agent, \$1,608 (6 months).		
Miscellaneous expenses..... 500.00	1 field agent, \$1,608 (4½ months).		
Total estimate, 1917..... 168,856.00	2 field agents, at \$1,608 each (4 months).		
Total appropriation, 1916..... 142,000.00	1 special agent, \$1,200 (8 months).		
Increase..... 26,856.00	1 special agent, \$900.		
	1 special agent, \$600 (9 months).		
	1 special agent, \$600 (6 months).		
	1 special agent, \$300 (8 months).		
	1 field forecast agent, \$1,800 (½ month).		
	1 cotton crop specialist, \$2,400.		
	1 tobacco crop specialist, \$1,800.		
	1 rice crop specialist, \$1,608.		
	Traveling expenses..... 51,784.43		
	Supplies and equipment..... 7,579.37		
	Total expenditures, 1915..... 127,974.57		
Total for Bureau of Crop Estimates (increase \$32,956).....	\$316,436.00	\$283,480.00	
LIBRARY, DEPARTMENT OF AGRICULTURE.			
<i>Salaries, Library, Department of Agriculture—</i>			
(1) One librarian (<i>R. S.</i> , p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1107, sec. 1).....	\$2,000.00		
(2) One clerk, class 3 (<i>same acts</i>).....	1,600.00		
(3) One clerk, class 2 (<i>same acts</i>).....	1,400.00		
(4) Five clerks, class 1 (<i>same acts</i>).....	6,000.00		
(5) Three clerks, at \$1,080 each (<i>same acts</i>).....	3,240.00		

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Library, Department of Agriculture—Continued.</i>		
(6) Three clerks, at \$1,020 each (in lieu of 3 clerks, at \$1,000 each, with increase of \$20 in each case) (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1107, sec. 1</i>)-----	\$3, 060. 00	
NOTE.—This small increase in the case of three clerks at \$1,000 is recommended in order to better grade the clerical positions.		
(7) Three clerks, at \$1,000 each (decrease of 3 by change to 3 clerks at \$1,020 each as above) (<i>same acts</i>)-----	3, 000. 00	
(8) Six clerks, at \$900 each (increase of 1 by transfer from statutory roll of Secretary's office) (<i>same acts</i>)-----	5, 400. 00	
(9) One clerk (<i>same acts</i>)-----	840. 00	
(10) One junior library assistant, messenger, or messenger boy (<i>same acts</i>)-----	720. 00	
(11) One junior library assistant or messenger boy (<i>same acts</i>)-----	660. 00	
(12) Three junior library assistants, or messenger boys, at \$600 each (<i>same acts</i>)-----	1, 800. 00	
(13) One messenger, messenger boy, or laborer (<i>same acts</i>)-----	480. 00	
(14) One messenger, messenger boy, or laborer (by transfer of 1 messenger boy at \$360 from lump fund, with change of title) (<i>same acts</i>)-----	360. 00	
NOTE.—This change in designation is recommended in order that the class of labor best suited to the needs of the library may be employed as vacancies occur.		
(15) Two charwomen, at \$480 each (increase of 1 by transfer from lump fund) (<i>same acts</i>)-----	960. 00	
Appropriations for 1907..... \$15, 880	Estimates for 1908..... \$17, 730	
Appropriations for 1908..... 15, 880	Estimates for 1909..... 18, 080	
Appropriations for 1909..... 18, 080	Estimates for 1910..... 20, 160	
Appropriations for 1910..... 19, 320	Estimates for 1911..... 19, 920	
Appropriations for 1911..... 19, 920	Estimates for 1912..... 23, 000	
Appropriations for 1912..... 25, 000	Estimates for 1913..... 27, 650	
Appropriations for 1913..... 25, 780	Estimates for 1914..... 29, 520	
Appropriations for 1914..... 27, 020	Estimates for 1915..... 27, 860	
Appropriations for 1915..... 27, 860	Estimates for 1916..... 29, 720	
Appropriations for 1916..... 29, 720	Estimates for 1917..... 31, 520	
NOTE.—Apparent increase, \$1,800; actual increase, \$60, as follows:		
<i>Promotions.</i>		
3 clerks, at \$1,000 each, to 3 clerks, at \$1,020 each.	\$60	
Actual increase.	\$60	
<i>Transfers from lump fund of the library, which fund has been correspondingly reduced.</i>		
1 messenger boy, with change of title to messenger, messenger boy, or laborer.....	\$360	
1 charwoman.....	480	
	840	
<i>Transfer from statutory roll of Secretary's office, which roll has been correspondingly reduced.</i>		
1 clerk.....	900	
	1, 740	
Apparent increase.....	1, 800	
<i>Change of title.</i>		
1 messenger, messenger boy, or laborer, \$360, in lieu of 1 messenger boy, \$360, from lump fund.		
	\$31, 520. 00	\$29, 720. 00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.																																																						
<p><i>General Expenses, Library—</i></p> <p>(16) For books of reference, technical and scientific books, papers and periodicals, and for expenses incurred in completing imperfect series; for the employment of additional assistants in the city of Washington and elsewhere; for official traveling expenses, and for library fixtures, library cards, supplies, and for all other necessary expenses, ["\$16,300"] \$18,000. <i>["Provided, That hereafter the Secretary of Agriculture may exchange books and periodicals of the library not needed for permanent use for other books and periodicals."] (act Mar. 4, 1915, vol. 38, p. 1107, sec. 1)</i> -----</p> <p>NOTE.—There is an apparent increase in the above item of \$1,700, but, as 1 messenger boy at \$360 and 1 charwoman at \$480 have been transferred to the statutory roll, there is an actual increase of \$2,540. This increase is recommended in order that the library may keep pace with the growth of the department and with the greatly increased volume of current scientific literature and that it may more adequately meet the demands made upon it from year to year.</p> <p>The proviso in the above paragraph has been omitted as it is continuing legislation.</p> <table><tr><td>Appropriations for 1907.....</td><td>\$10,000</td><td>Estimates for 1908.....</td><td>\$12,500</td></tr><tr><td>Appropriations for 1908.....</td><td>12,500</td><td>Estimates for 1909.....</td><td>17,500</td></tr><tr><td>Appropriations for 1909.....</td><td>15,500</td><td>Estimates for 1910.....</td><td>16,500</td></tr><tr><td>Appropriations for 1910.....</td><td>16,500</td><td>Estimates for 1911.....</td><td>15,400</td></tr><tr><td>Appropriations for 1911.....</td><td>15,400</td><td>Estimates for 1912.....</td><td>15,500</td></tr><tr><td>Appropriations for 1912.....</td><td>15,500</td><td>Estimates for 1913.....</td><td>15,500</td></tr><tr><td>Appropriations for 1913.....</td><td>15,500</td><td>Estimates for 1914.....</td><td>16,500</td></tr><tr><td>Appropriations for 1914.....</td><td>16,500</td><td>Estimates for 1915.....</td><td>17,500</td></tr><tr><td>Appropriations for 1915.....</td><td>17,500</td><td>Estimates for 1916.....</td><td>17,500</td></tr><tr><td>Appropriations for 1916.....</td><td>16,300</td><td>Estimates for 1917.....</td><td>18,000</td></tr></table> <p><i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i></p> <table><tr><th>General expenses, Library, 1917, \$18,000.</th><th>General expenses, Library, 1915, \$17,500.</th></tr><tr><td>Traveling expenses.....</td><td>\$200.00</td></tr><tr><td>Supplies and equipment.....</td><td>17,700.00</td></tr><tr><td>Miscellaneous expenses.....</td><td>100.00</td></tr><tr><td>Total estimate, 1917.....</td><td>18,000.00</td></tr><tr><td>Total appropriation, 1916.....</td><td>16,300.00</td></tr><tr><td>Increase (but as 1 messenger boy at \$360 and 1 charwoman at \$480 have been transferred to statutory roll, the actual increase is \$2,540).....</td><td>1,700.00</td></tr></table>	Appropriations for 1907.....	\$10,000	Estimates for 1908.....	\$12,500	Appropriations for 1908.....	12,500	Estimates for 1909.....	17,500	Appropriations for 1909.....	15,500	Estimates for 1910.....	16,500	Appropriations for 1910.....	16,500	Estimates for 1911.....	15,400	Appropriations for 1911.....	15,400	Estimates for 1912.....	15,500	Appropriations for 1912.....	15,500	Estimates for 1913.....	15,500	Appropriations for 1913.....	15,500	Estimates for 1914.....	16,500	Appropriations for 1914.....	16,500	Estimates for 1915.....	17,500	Appropriations for 1915.....	17,500	Estimates for 1916.....	17,500	Appropriations for 1916.....	16,300	Estimates for 1917.....	18,000	General expenses, Library, 1917, \$18,000.	General expenses, Library, 1915, \$17,500.	Traveling expenses.....	\$200.00	Supplies and equipment.....	17,700.00	Miscellaneous expenses.....	100.00	Total estimate, 1917.....	18,000.00	Total appropriation, 1916.....	16,300.00	Increase (but as 1 messenger boy at \$360 and 1 charwoman at \$480 have been transferred to statutory roll, the actual increase is \$2,540).....	1,700.00	\$18, 000. 00	\$16, 300. 00
Appropriations for 1907.....	\$10,000	Estimates for 1908.....	\$12,500																																																					
Appropriations for 1908.....	12,500	Estimates for 1909.....	17,500																																																					
Appropriations for 1909.....	15,500	Estimates for 1910.....	16,500																																																					
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General expenses, Library, 1917, \$18,000.	General expenses, Library, 1915, \$17,500.																																																							
Traveling expenses.....	\$200.00																																																							
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Total estimate, 1917.....	18,000.00																																																							
Total appropriation, 1916.....	16,300.00																																																							
Increase (but as 1 messenger boy at \$360 and 1 charwoman at \$480 have been transferred to statutory roll, the actual increase is \$2,540).....	1,700.00																																																							
Total for Library (increase \$3,500) -----	49, 520. 00	46, 020. 00																																																						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.				
MISCELLANEOUS EXPENSES.							
Miscellaneous Expenses, Department of Agriculture—							
(1) For stationery, blank books, twine, paper, gum, dry goods, soap, brushes, brooms, mats, oils, paints, glass, lumber, hardware, ice, fuel, water and gas pipes, heating apparatus, furniture, carpets, and matting; for lights, freight, express charges, advertising, telegraphing, telephoning, postage, washing towels, and necessary repairs and improvements to buildings [, grounds,] and heating apparatus; for the purchase, subsistence, and care of horses and the purchase and repair of harness and vehicles, for official purposes only; for the payment of duties on imported articles, and the Department of Agriculture's proportionate share of the expense of the dispatch agent in New York; for official traveling expenses; and for other miscellaneous supplies and expenses not otherwise provided for, and necessary for the practical and efficient work of the department, \$115,000, [of which sum \$5,000 shall be immediately available] (act Mar. 4, 1915, vol. 38, p. 1107, sec. 1) -----		\$115,000.00	\$115,000.00				
Appropriations for 1907..... \$37,000		Estimates for 1908.....	\$47,000				
Appropriations for 1908..... 47,000		Estimates for 1909.....	78,200				
Appropriations for 1909..... 86,200		Estimates for 1910.....	70,000				
Appropriations for 1910..... 80,000		Estimates for 1911.....	100,000				
Appropriations for 1911..... 100,000		Estimates for 1912.....	110,000				
Appropriations for 1912..... 110,000		Estimates for 1913.....	96,066				
Appropriations for 1913..... 106,066		Estimates for 1914.....	106,066				
Appropriations for 1914..... 106,066		Estimates for 1915.....	110,000				
Appropriations for 1915..... 110,000		Estimates for 1916.....	115,000				
Appropriations for 1916..... 115,000		Estimates for 1917.....	115,000				
Statement of proposed expenditures from the above appropriation for Miscellaneous expenses, Department of Agriculture, for the fiscal year ending June 30, 1917, for the maintenance, repair, and operation of horse-drawn passenger-carrying vehicles, as required by sec. 5 of the act of July 16, 1914 (38 Stat., p. 508).							
Office.	Horse-drawn or motor-propelled.	Appropriation.	For maintenance, repair, and operation.			Public purpose for which intended.	Officials and employees by whom used.
			Number.	Description.	Amount.		
Secretary's Office.	Horse-drawn.	{ Miscellaneous expenses, Department of Agriculture. }	1	Station wagon.	{ \$600	{ Personal transportation on official business. }	{ Secretary and Acting Secretary of Agriculture, Washington, D. C. }
			4	Carriages.....			
			1	Brougham....			
Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.							
Miscellaneous expenses, Department of Agriculture, 1917, \$115,000.				Miscellaneous expenses, Department of Agriculture, 1915, \$110,000.			
Salaries.....		\$600.00	Salaries.....		\$600.00		
As follows:			As follows:				
Out of Washington—			Out of Washington—				
1 dispatch agent, \$600.			1 dispatch agent, \$600.				
Traveling expenses.....		2,000.00	Traveling expenses.....		759.76		
Supplies and equipment.....		89,400.00	Supplies and equipment.....		87,625.10		
Miscellaneous expenses.....		22,500.00	Miscellaneous expenses.....		20,812.15		
Total estimate, 1917.....		115,000.00	Total expenditures, 1915.....		103,797.01		
Total appropriation, 1916.....		115,000.00					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
RENT IN THE DISTRICT OF COLUMBIA.		
Rent of Buildings, Department of Agriculture—		
(1) For rent of buildings and parts of buildings in the District of Columbia, for use of the various bureaus, divisions, and offices of the Department of Agriculture, \$123,689: <i>Provided</i> , That the Secretary of Agriculture shall submit annually to Congress in his estimates of appropriations a statement showing what proportion of this appropriation is paid for the quarters occupied by the various branches of the department.....	\$123, 689. 00	\$123,689. 00
[Until otherwise ordered the Maltby Building and all the buildings on the west side of New Jersey Avenue, between B and C Streets northwest, in the city of Washington, District of Columbia, belonging to the Government may be used for governmental purposes by the Agricultural Department.] (Act Mar. 4, 1915, vol. 38, p. 1108, sec. 1.)		
NOTE.—The above provision is omitted as it is continuing legislation.		
Appropriations for 1913..... \$95, 329	Estimates for 1913..... \$95, 329	
Appropriations for 1914..... 98, 329	Estimates for 1914..... 95, 329	
Appropriations for 1915..... 108, 329	Estimates for 1915..... 115, 829	
Appropriations for 1916..... 123, 689	Estimates for 1916..... 123, 689	
Estimates for 1917..... 123, 689		
Statement showing estimated amounts that will be paid from the appropriation for rent in the District of Columbia for the fiscal year 1916, for quarters occupied by the various branches of the department (38 Stat., p. 1108).		
Office of Farm Management.....	\$2, 950. 00	
Forest Service.....	18, 570. 00	
Solicitor's Office.....	3, 000. 00	
Office of Markets and Rural Organization.....	4, 860. 00	
Bureau of Plant Industry.....	28, 076. 00	
Bureau of Chemistry.....	17, 500. 00	
Insecticide and Fungicide Board.....	3, 000. 00	
Office of Public Roads and Rural Engineering.....	9, 644. 00	
Bureau of Biological Survey.....	5, 072. 00	
Library, Department of Agriculture.....	5, 072. 00	
Division of Publications.....	6, 536. 00	
Bureau of Animal Industry.....	10, 144. 00	
States Relations Service.....	5, 750. 00	
Bureau of Soils.....	600. 00	
Emergency rentals.....	2, 855. 00	
	123, 689. 00	
NOTE.—For statement of buildings and parts of buildings in the District of Columbia rented by the Department of Agriculture, see also Appendix B, in the Book of Estimates.		
STATES RELATIONS SERVICE.		
Salaries, States Relations Service—		
(1) One director (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1108, sec. 1</i>).....	\$4, 500. 00	
(2) One chief clerk (<i>same acts</i>).....	2, 000. 00	
(3) One financial clerk (<i>same acts</i>).....	2, 000. 00	
(4) One clerk or proof reader (<i>same acts</i>).....	1, 800. 00	
[One clerk or editorial clerk, \$1,400, changed to 1 clerk, class 2, as below.]		
(5) Three clerks, class 4 (<i>same acts</i>).....	5, 400. 00	
(6) Three clerks, class 3 (increase of 1 by transfer from lump fund for farmers' cooperative demonstrations in South) (<i>same acts</i>).....	4, 800. 00	
(7) One clerk (<i>same acts</i>).....	1, 500. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, States Relations Service—Continued.</i>		
(8) Nine clerks, class 2 (increase of 3, 2 by transfer from lump funds for administrative expenses and farmers' cooperative demonstrations in North and West, and 1 in lieu of 1 clerk or editorial clerk, at \$1,400, omitted as above) (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1108, sec. 1</i>)	\$12,600.00	
NOTE.—The change in designation from clerk or editorial clerk at \$1,400 to clerk of class 2 is recommended in order to have the title of this employee conform more closely to the character of the work performed.		
(9) Twenty-two clerks, class 1 (increase of 5, 2 by transfer from lump fund for farmers' cooperative demonstrations in North and West, 2 from lump fund for administrative expenses, and 1 from lump fund for farmers' cooperative demonstrations in South) (<i>same acts</i>)	26,400.00	
(10) Nineteen clerks, at \$1,000 each (increase of 3, 1 by transfer from lump fund for administrative expenses, and 2 by transfer from lump fund for farmers' cooperative demonstrations in North and West) (<i>same acts</i>)	19,000.00	
(11) Twenty-four clerks, at \$900 each (increase of 6, 2 by transfer from lump fund for administrative expenses, 1 from lump fund for general expenses, 1 from lump fund for farmers' cooperative demonstrations in North and West, and 2 from lump fund for home economics) (<i>same acts</i>)	21,600.00	
(12) Seven clerks, at \$840 each (<i>same acts</i>)	5,880.00	
(13) Eight clerks, at \$720 each (increase of 2 by transfer from lump fund for farmers' cooperative demonstrations in South) (<i>same acts</i>)	5,760.00	
(14) One library cataloguer (by transfer from lump fund for administrative expenses) (<i>same acts</i>)	900.00	
(15) One clerk or photographer (<i>same acts</i>)	720.00	
(16) Three messengers, messenger boys, or laborers, at \$600 each (increase of 1 by transfer from lump fund for administrative expenses) (<i>same acts</i>)	1,800.00	
(17) Ten messengers, messenger boys, or laborers, at \$480 each (increase of 1 by transfer from lump fund for administrative expenses) (<i>same acts</i>)	4,800.00	
(18) One messenger, messenger boy, or laborer (by transfer from lump fund for farmers' cooperative demonstrations in North and West) (<i>same acts</i>)	360.00	
(19) Three messengers, messenger boys, or laborers, at \$300 each (increase of 1 by transfer from lump fund for farmers' cooperative demonstrations in North and West) (<i>same acts</i>)	900.00	
(20) One skilled laborer (<i>same acts</i>)	900.00	
(21) Four laborers or charwomen, at \$480 each (increase of 1 by transfer from lump fund for home economics) (<i>same acts</i>)	1,920.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, States Relations Service—Continued.</i>		
(22) Nine laborers or charwomen, at \$240 each (increase of 5, 1 by transfer from lump fund for administrative expenses, 2 from lump fund for farmers' cooperative demonstrations in North and West, and 2 from lump fund for farmers' cooperative demonstrations in South) (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1915, vol. 38, p. 1108, sec. 1</i>)	\$2, 160. 00	
	\$127, 700. 00	\$103,140. 00
<div> <div> Appropriations for 1907..... \$29,160 Appropriations for 1908..... 31,220 Appropriations for 1909..... 34,620 Appropriations for 1910..... 39,260 Appropriations for 1911..... 46,180 Appropriations for 1912..... 56,500 Appropriations for 1913..... 58,240 Appropriations for 1914..... 66,160 Appropriations for 1915..... 68,840 Appropriations for 1916..... 103,140 </div> <div> Estimates for 1908..... \$31,220 Estimates for 1909..... 34,620 Estimates for 1910..... 39,480 Estimates for 1911..... 46,180 Estimates for 1912..... 56,500 Estimates for 1913..... 59,840 Estimates for 1914..... 66,740 Estimates for 1915..... 68,840 Estimates for 1916..... 103,140 Estimates for 1917..... 127,700 </div> </div>		
NOTE.—Apparent increase, \$24,560; no actual increase, as follows:		
<i>Transfers from lump funds of this service, which funds have been correspondingly reduced.</i>		
<div> 1 clerk, class 3, from farmers' cooperative demonstrations in South.... \$1,600 1 clerk, class 2, from farmers' cooperative demonstrations in North and West..... 1,400 1 clerk, class 2, from administrative expenses..... 1,400 2 clerks, class 1, from farmers' cooperative demonstrations in North and West..... 2,400 2 clerks, class 1, from administrative expenses..... 2,400 1 clerk, class 1, from farmers' cooperative demonstrations in South.... 1,200 1 clerk, from administrative expenses..... 1,000 2 clerks, at \$1,000 each, from farmers' cooperative demonstrations in North and West..... 2,000 2 clerks, at \$900 each, from administrative expenses..... 1,800 1 clerk, from general expenses..... 900 1 clerk, from farmers' cooperative demonstrations in North and West.. 900 2 clerks, at \$900 each, from home economics..... 1,800 2 clerks, at \$720 each, from farmers' cooperative demonstrations in South..... 1,440 1 library cataloguer, from administrative expenses..... 900 1 messenger, messenger boy, or laborer, from administrative expenses.. 600 1 messenger, messenger boy, or laborer, from administrative expenses.. 480 1 messenger, messenger boy, or laborer, from farmers' cooperative demonstrations in North and West..... 360 1 messenger, messenger boy, or laborer, from farmers' cooperative demonstrations in North and West..... 300 1 laborer or charwoman, from home economics..... 480 1 laborer or charwoman, from administrative expenses..... 240 2 laborers or charwomen, at \$240 each, from farmers' cooperative demonstrations in North and West..... 480 2 laborers or charwomen, at \$240 each, from farmers' cooperative demonstrations in South..... 480 </div> <div> Apparent increase..... 24,560 </div>		
<i>Change of title.</i>		
1 clerk, class 2, in lieu of 1 clerk or editorial clerk, \$1,400.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, States Relations Service—</i>		
(23) To carry into effect the provisions of an act approved Mar. 2, 1887, entitled "An act to establish agricultural experiment stations in connection with the colleges established in the several States under the provisions of an act approved July 2, 1862, and of the acts supplementary thereto," the sums apportioned to the several States and Territories, to be paid quarterly in advance	\$720, 000. 00	
(24) To carry into effect the provisions of an act approved Mar. 16, 1906, entitled "An act to provide for an increased annual appropriation for agricultural experiment stations and regulating the expenditure thereof," the sums apportioned to the several States and Territories, to be paid quarterly in advance, \$720,000: <i>Provided</i> , That not to exceed \$15,000 shall be paid to each State and Territory under this act	720, 000. 00	
(25) To enable the Secretary of Agriculture to enforce the provisions of the above acts and the act approved May 8, 1914, entitled "An act to provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an act of Congress approved July 2, 1862, and of acts supplementary thereto, and the United States Department of Agriculture," relative to their administration, including the employment of clerks, assistants, and other persons in the city of Washington and elsewhere, freight and express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, electric current, and rent outside of the District of Columbia, ["\$59,500"] \$74,780; and the Secretary of Agriculture shall prescribe the form of the annual financial statement required under the above acts, ascertain whether the expenditures are in accordance with their provisions, coordinate the work of the Department of Agriculture with that of the State agricultural colleges and experiment stations in the lines authorized in said acts, and make report thereon to Congress: <i>Provided</i> , That of this amount ["\$20,100"] \$16,280 may be used for general administrative expenses connected with the lines of work of the States Relations Service, including the offices of the director, the chief clerk, the officers in charge of publications, library, accounts, records, supplies, and property, and for miscellaneous expenses incident thereto	74, 780. 00	
<p>NOTE.—There is an apparent increase in this item of \$15,280, but, taking into consideration the transfer to the statutory roll of 1 clerk at \$1,400, 2 clerks at \$1,200 each, 1 clerk at \$1,000, 3 clerks at \$900 each, 1 library cataloguer at \$900, 1 messenger boy at \$600, 1 messenger boy at \$480, and 1 unskilled laborer at \$240, involving \$9,720, the actual increase is \$25,000. Of this amount, \$20,000 will be needed in connection with the increased work incidental to the administration of the agricultural extension act, including the examination of plans for extension work submitted by the agricultural colleges, inspection of the work conducted under the act and of the expenditures thereunder, involving \$2,680,000 of Federal and State funds for the fiscal year 1917, and the preparation of the report to Congress on the workings of the act in the several States. The remaining \$5,000 is needed for the general administrative expenses of the service, especially for additional assistance and supplies in the preparation and management of the publications and illustrative material used in connection with the demonstration and extension work.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, States Relations Service—Continued.</i>		
(26) For farmers' cooperative demonstration <i>and extension</i> work outside of the cotton belt, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses ["\$386,080"]	\$378,240.00	
<p>NOTE.—There is an apparent decrease in this item of \$7,840, due to the transfer to the statutory roll of one clerk at \$1,400, two clerks at \$1,200 each, two clerks at \$1,000 each, one clerk at \$900, one messenger at \$360, one skilled laborer at \$300, and two charwomen at \$240 each.</p> <p>New language has been added to the paragraph, as indicated, so as to give more definite authority to conduct all types of extension work, since under the agreements made with the agricultural colleges for cooperative agricultural extension work it is impracticable to differentiate demonstration work altogether from other forms of extension work, and it is very desirable to closely coordinate the work under this item with that provided for under the agricultural extension act.</p>		
(27) For farmers' cooperative ["demonstrations"] <i>demonstration and extension work</i> and for the study and demonstration of the best methods of meeting the ravages of the cotton-boll weevil, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses ["\$666,020"] <i>\$661,300: Provided, That the expense of such service shall be defrayed from this appropriation and such cooperative funds as may be voluntarily contributed by State, county, and municipal agencies, associations of farmers, and individual farmers, universities, colleges, boards of trade, chambers of commerce, other local associations of business men, business organizations, and individuals within the State</i>	661,300.00	
<p>NOTE.—There is an apparent decrease in the above item of \$4,720, due to the transfer to the statutory roll of one clerk at \$1,600, one clerk at \$1,200, two clerks at \$720 each, and two charwomen at \$240 each.</p> <p>New language has been added to the paragraph, as indicated, for the reason stated under the preceding note.</p>		
(28) To enable the Secretary of Agriculture to investigate and report upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories, and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations, and of improved methods of agricultural practice, including the employment of labor in the city of Washington and elsewhere, and all other necessary expenses. . .	20,600.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, States Relations Service—Continued.</i>		
<p>(29) To enable the Secretary of Agriculture to establish and maintain agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam, including the erection of buildings, the preparation, illustration, and distribution of reports and bulletins, and all other necessary expenses, ["\$120,000"] \$155,000, as follows: Alaska, ["\$40,000"] \$60,000; Hawaii, ["\$35,000"] \$40,000; Porto Rico, ["\$30,000"] \$40,000; and Guam, \$15,000; and the Secretary of Agriculture is authorized to sell such products as are obtained on the land belonging to the agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam: <i>Provided</i>, That of the sum herein appropriated for the experiment station in Hawaii \$5,000 may be used in agricultural extension work in Hawaii. -----</p>	\$155,000. 00	
<p>NOTE.—It is proposed to use the increase of \$35,000 in the above item as follows:</p> <p>(a) \$20,000 for the proper development and extension of the investigational work at the Alaska stations. Heretofore there has been available for use in the work of the Alaska stations the funds realized from the sale of products raised on the stations, which during the past fiscal year amounted to nearly \$8,000. Under the law such funds must now be deposited in the Treasury to miscellaneous receipts. The appropriations to the Alaska stations are thus practically decreased by \$8,000, as there has been no corresponding amount added to make up this deficiency.</p> <p>It is also very desirable to establish a new experiment station in the Matanuska Valley along the line of the proposed railroad from Seward to Fairbanks. The building of this railroad will open up a new region that is believed to have pronounced agricultural possibilities. The soils and climate are however entirely unlike those at any of the other Alaska stations, so that the results obtained elsewhere are not applicable to this region.</p> <p>At the Fairbanks station much of the manual labor is done by the superintendent, and it is believed that economy and greater efficiency could be effected by the appointment of an additional botanist and plant breeder to serve as a permanent assistant to the superintendent, thus reducing the amount of labor that it would be necessary to employ and at the same time secure a higher grade of service at relatively low pay.</p> <p>(b) \$10,000 for the Porto Rican experiment station, in order to enable it to organize demonstration and extension work among the large agricultural population of Porto Rico. A request has been received from the governor of Porto Rico, through the Secretary of War, urging the department to inaugurate work of this character. The agricultural extension act does not apply to Porto Rico. The experiment station in the past has done some demonstration work with success, but an increase in the appropriation is needed in order that it may be properly organized and effectively carried on. This station also previously had the use of the fund derived from sales of agricultural products, which amounted annually to about \$4,000. This money is now no longer available.</p> <p>(c) \$5,000 for the Hawaii experiment station. Of this amount it is proposed to use \$2,000 to offset a like amount hitherto realized annually from the sale of products but now no longer available. The remaining \$3,000 is desired for the purpose of undertaking needed experimental work with forage crops at the suggestion of and in cooperation with the War Department. It is believed that this work would greatly stimulate the production of suitable forage crops on the islands and would result in a large saving to the War Department, at the same time making our Army post in Hawaii largely independent of the mainland for its forage.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
General Expenses, States Relations Service—Continued.		
(30) To enable the Secretary of Agriculture to investigate the relative utility and economy of agricultural products for food, clothing, and other uses in the home, with special suggestions of plans and methods for the more effective utilization of such products for these purposes, with the cooperation of other bureaus of the department, and to disseminate useful information on this subject, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses ["\$26,500"]	\$24, 220. 00	
NOTE.—There is an apparent decrease in the above subappropriation of \$2,280, due to the transfer to the statutory roll of two clerks at \$900 and one charwoman at \$480.		
In all, for general expenses (<i>acts July 2, 1862, vol. 12, p. 503, sec. 1; Mar. 2, 1887, vol. 24, p. 440, secs. 1-10; June 7, 1888, vol. 25, p. 176, sec. 1; July 18, 1888, vol. 25, p. 534, sec. 1; Mar. 16, 1906, vol. 34, p. 63, secs. 2, 3; Mar. 4, 1915, vol. 38, pp. 1108, 1109, sec. 1</i>).....	\$2,754,140.00	\$2,718,700.00
Appropriations for 1907..... \$803, 500	Estimates for 1908..... \$842, 000	
Appropriations for 1908..... 827, 000	Estimates for 1909..... 846, 995	
Appropriations for 1909..... 843, 000	Estimates for 1910..... 863, 800	
Appropriations for 1910..... 863, 800	Estimates for 1911..... 862, 400	
Appropriations for 1911..... 862, 400	Estimates for 1912..... ¹ 1, 622, 500	
Appropriations for 1912..... ¹ 1, 592, 500	Estimates for 1913..... 1, 604, 160	
Appropriations for 1913..... 1, 599, 160	Estimates for 1914..... 1, 615, 500	
Appropriations for 1914..... 1, 613, 500	Estimates for 1915..... 1, 615, 255	
Appropriations for 1915..... 1, 633, 500	Estimates for 1916..... ² 2, 718, 700	
Appropriations for 1916..... ² 2, 718, 700	Estimates for 1917..... 2, 754, 140	
¹ Includes \$729,000 previously carried in the Adams Act for additional aid to State experiment stations.		
² Includes \$1,073,240 for farmers' cooperative demonstrations previously carried in Plant Bureau.		
[And the Secretary of Agriculture hereafter may furnish to such institutions or individuals as may care to buy them copies of the card index of agricultural literature prepared by the Department of Agriculture in connection with its administration of the act of Mar. 2, 1887 (<i>24 Stat. L., p. 440</i>), and the act of Mar. 16, 1906 (<i>34 Stat. L., p. 63</i>), and the acts amendatory of and supplementary thereto, and charge for the same a price covering the additional expenses involved in the preparation of these copies, the money received from such sales to be deposited in the Treasury of the United States as miscellaneous receipts.]		
NOTE.—The above paragraph is omitted as it is continuing legislation.		
[That hereafter there be prepared by the Department of Agriculture an annual report on the work and expenditures of the agricultural experiment stations established under the act of Congress of Mar. 2, 1887 (<i>24 Stat. L., p. 440</i>), on the work and expenditures of the Department of Agriculture in connection therewith, and on the cooperative agricultural extension work and expenditures of the Department of Agriculture and of agricultural colleges under the act of May 8, 1914, entitled "An act to provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an act of Congress approved July 2, 1862, and of acts supplementary thereto, and the United States Department of Agriculture;" and that there be printed annually 8,000 copies of said report, of which 1,000 copies shall be for the use of the Senate, 2,000 copies for the use of the House of Representatives, and 5,000 copies for the use of the Department of Agriculture.]		
NOTE.—The above paragraph is omitted as it is continuing legislation.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, States Relations Service—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>		
General expenses and administrative expenses, 1917, \$74,780.	Miscellaneous expenses, 1915, \$50,500.	
Salaries..... \$53,020.00 As follows: In Washington— 1 chief, office of experiment stations, \$4,000. 1 assistant chief, office of extension work, south, \$3,500 (part time). 1 assistant chief, office of extension work, north and west, \$3,240 (part time). 1 chief, editorial division, \$3,240. 1 chief, division of insular stations, \$3,240. 1 scientific and administrative assist- ant, \$3,000. 1 scientific and administrative assist- ant, \$1,980. 3 agriculturists, at \$2,640 each (part time). 2 agriculturists, at \$2,520 each (part time). 1 assistant agriculturist, \$2,400. 1 specialist, \$2,400. 2 specialists, at \$1,980 each. 3 specialists, at \$1,800 each. 1 specialist, \$1,620. 2 scientific assistants, at \$2,220 each. 1 scientific assistant, \$1,800. 1 scientific assistant, \$1,680. 1 scientific assistant, \$1,380. 1 scientific assistant, \$1,000. 1 assistant in agricultural education, \$1,800. Temporary clerical help, \$1,200 (esti- mated). Traveling expenses..... 6,500.00 Supplies and equipment..... 6,050.00 Miscellaneous expenses..... 9,210.00 Total estimate, 1917..... 74,780.00 Total appropriation, 1916..... 53,500.00 Increase (but as 1 clerk, class 2; 2 clerks, class 1; 1 clerk at \$1,000; 3 clerks at \$900 each; 1 library cata- loguer at \$900; 1 messenger boy at \$600; 1 messenger boy at \$480; and 1 unskilled laborer at \$240 have been transferred to statutory roll, the actual increase is \$25,000).... 15,280.00	Salaries..... \$40,252.28 As follows: In Washington— 1 assistant director and editor, \$4,000. 1 chief editorial division, \$3,000. 1 chief division, insular stations, \$3,000. 1 chief, nutrition investigations, \$3,000 (3 months). 1 scientific and administrative assistant, \$3,000. 1 assistant agriculturist, \$2,400. 2 specialists, at \$2,220 each. 2 specialists, at \$1,800 each. 1 specialist, \$1,620. 1 scientific assistant, \$2,220. 1 scientific assistant, \$2,000. 2 scientific assistants, at \$1,800 each. 1 assistant in charge of library, \$1,680. 1 scientific assistant in library science, \$1,200. 1 scientific assistant in library science, \$1,000. 2 bookkeepers, at \$1,200 each. 1 clerk, \$1,000. 1 library cataloguer, \$900. 3 stenographers, at \$900 each. 1 charwoman, \$480. 2 painters, at \$3.50 per diem each, when actually employed. 1 electrician, \$4 per diem, when actually employed. 1 skilled laborer, \$25 per month. Traveling expenses..... 2,425.67 Supplies and equipment..... 4,109.11 Miscellaneous expenses..... 3,238.50 Total expenditures, 1915..... 50,025.56	
Farmers' cooperative demonstrations, north and west, 1917, \$378,249. Salaries..... \$318,514.00 As follows: In Washington— 1 chief, office of extension work, north and west, \$3,520 (part time). 1 assistant chief, office of extension work, north and west, \$3,240 (part time). 1 agriculturist, \$3,000. 1 agriculturist, \$2,760. 2 agriculturists, at \$2,520 each (part time). 1 agriculturist, \$1,980. 1 assistant agriculturist, \$2,400. 1 assistant agriculturist, \$2,220. 1 assistant agriculturist, \$1,800. 1 scientific assistant, \$2,100. 1 special agent, \$3,000.	Farmers' cooperative demonstrations outside cotton belt, 1915, \$400,000, less \$3,000 by transfer to other lump funds of Bureau of Plant Industry, net amount \$397,000. Salaries..... \$320,724.91 As follows: In Washington— 1 agriculturist, \$3,250. 2 agriculturists, at \$3,000 each. 1 agriculturist, \$2,760. 1 agriculturist, \$2,520. 1 agriculturist, \$2,280. 1 agriculturist, \$1,980. 1 assistant agriculturist, \$2,400. 1 assistant agriculturist, \$2,220. 1 assistant agriculturist, \$1,800. 1 scientific assistant, \$2,100. 1 special agent, \$3,000. 2 clerks, at \$1,200 each. 4 stenographers and typewriters, at \$1,200 each. 4 stenographers and typewriters, at \$1,000 each. 1 stenographer and typewriter, \$900. 1 laborer, \$300. 2 charwomen, at \$240 each. 1 messenger boy, \$360.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, States Relations Service—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Farmers' cooperative demonstrations, north and west, 1917, \$378,240.	Farmers' cooperative demonstrations outside cotton belt, 1915, \$400,000, less \$3,000 by transfer to other lump funds of Bureau of Plant Industry, net amount \$397,000.	
<p>Out of Washington—</p> <p>1 agriculturist, \$2,100. 1 agriculturist, \$2,000. 1 assistant agriculturist, \$2,000. 1 assistant agriculturist, \$1,620. 1 assistant agriculturist, \$1,500. 1 assistant agriculturist, \$1,350. 2 assistant agriculturists, at \$1,300 each. 2 assistant agriculturists, at \$1,200 each. 2 assistant agriculturists, at \$1,100 each. 2 assistant agriculturists, at \$900 each. 6 assistant agriculturists, at \$600 each. 2 assistant agriculturists, at \$500 each. 1 assistant agriculturist, \$450. 1 scientific assistant, \$1,500. 1 scientific assistant, \$1,400. 2 scientific assistants, at \$1,440 each. 1 scientific assistant, \$1,380. 1 scientific assistant, \$1,200. 1 scientific assistant, \$900. 2 scientific assistants, at \$600 each. 1 agent and agronomist, \$600. 1 agent, \$2,460. 1 agent, \$1,980. 1 agent, \$1,900. 1 agent, \$1,860. 1 agent, \$1,800. 1 agent, \$1,750. 1 agent, \$1,740. 1 agent, \$1,700. 1 agent, \$1,650. 1 agent, \$1,625. 2 agents, at \$1,600 each. 1 agent, \$1,550. 13 agents, at \$1,500 each. 3 agents, at \$1,400 each. 1 agent, \$1,350. 1 agent, \$1,320. 4 agents, at \$1,300 each. 25 agents, at \$1,200 each. 1 agent, \$1,180. 1 agent, \$1,110. 1 agent, \$1,080. 10 agents, at \$1,000 each. 8 agents, at \$960 each. 14 agents, at \$900 each. 1 agent, \$840. 3 agents, at \$800 each. 2 agents, at \$750 each. 1 agent, \$720. 172 agents, at \$600 each. 11 agents, at \$500 each. 7 agents, at \$480 each. 1 agent, \$400. 10 agents, at \$360 each. 39 agents, at \$300 each. 99 collaborators, at \$1 per annum each. 1 stenographer and typewriter, \$600. 8 collaborators, at \$300 each. 1 collaborator, \$270. 1 collaborator, \$180.</p>	<p>Out of Washington—</p> <p>1 agriculturist, \$2,100. 2 agriculturists, at \$2,000 each. 1 agriculturist, \$1,500. 1 assistant agriculturist, \$2,100. 1 assistant agriculturist, \$2,000. 1 assistant agriculturist, \$1,800. 1 assistant agriculturist, \$1,620. 2 assistant agriculturists, at \$1,500 each. 1 assistant agriculturist, \$1,440. 1 assistant agriculturist, \$1,400. 2 assistant agriculturists, at \$1,300 each. 4 assistant agriculturists, at \$1,200 each. 1 assistant agriculturist, \$900. 1 assistant agriculturist, \$800. 4 assistant agriculturists, at \$600 each. 2 assistant agriculturists, at \$500 each. 2 scientific assistants, at \$1,620 each. 1 scientific assistant, \$1,500. 2 scientific assistants, at \$1,440 each. 1 scientific assistant, \$1,400. 2 scientific assistants, at \$1,200 each. 1 scientific assistant, \$600. 1 agent, \$2,460. 1 agent, \$1,980. 1 agent, \$1,950. 1 agent, \$1,800. 2 agents, at \$1,800 each. 1 agent, \$1,750. 1 agent, \$1,740. 1 agent, \$1,700. 1 agent, \$1,650. 2 agents, at \$1,600 each. 1 agent, \$1,550. 15 agents, at \$1,500 each. 3 agents, at \$1,400 each. 1 agent, \$1,350. 4 agents, at \$1,300 each. 90 agents, at \$1,200 each. 3 agents, at \$1,100 each. 2 agents, at \$1,080 each. 15 agents, at \$1,000 each. 1 agent, \$960. 1 agent, \$950. 9 agents, at \$900 each. 1 agent, \$850. 3 agents, at \$800 each. 3 agents, at \$750 each. 1 agent, \$720. 1 agent, \$675. 1 agent, \$665.67. 2 agents, at \$625 each. 71 agents, at \$600 each. 1 agent, \$575. 15 agents, at \$500 each. 3 agents, at \$480 each. 1 agent, \$425. 3 agents, at \$400 each. 9 agents, at \$360 each. 28 agents, at \$300 each. 1 agent, \$200. 105 collaborators, at \$1 per annum each. 1 agent and agronomist, \$750. 1 State organizer, \$1,000. 1 State director, \$800. 9 collaborating clerks, at \$300 each. 1 collaborating clerk, \$270. 1 stenographer and typewriter, \$600.</p>	<p>Traveling expenses..... \$31,904.37 Supplies and equipment..... 15,437.85 Miscellaneous expenses..... 800.00</p>
<p>Total estimate, 1917..... 378,240.00 Total appropriation, 1916..... 386,080.00</p>	Total expenditures, 1915..... 368,867.13	
<p>Decrease (by transfer of 1 clerk, class 2; 2 clerks, class 1; 2 clerks at \$1,000 each, 1 clerk at \$900, 1 messenger boy at \$360, 1 skilled laborer at \$200, and 2 charwomen at \$240 each to statutory roll).....</p>	7,840.00	

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, States Relations Service—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Farmers' cooperative demonstrations, south, 1917, \$661,300.	Farmers' cooperative demonstrations, 1915, \$673,240, less \$2,000 by transfer to other lump funds of the Bureau of Plant Industry; net amount, \$671,240.	
Salaries..... \$541,300.00	Salaries..... \$541,924.84	
As follows:	As follows:	
In Washington—	In Washington—	
1 chief, office of extension work in South, \$4,000.	1 special agent in charge, \$4,000.	
1 agriculturist and assistant chief, office of extension work in South, \$3,500 (part time).	1 agriculturist and general assistant, \$3,500.	
1 agriculturist, \$3,000.	1 agriculturist, \$2,750.	
1 farm management specialist, \$2,750.	3 agriculturists and field agents, at \$2,640 each.	
1 marketing specialist, \$2,750.	1 agriculturist, \$2,400.	
3 agriculturists and field agents, at \$2,640 each (part time).	1 agent, \$2,000.	
1 dairy specialist, \$2,400.	1 agent, \$1,000.	
1 agriculturist and field agent, \$2,400.	1 stenographer and typewriter, \$1,000.	
1 animal husbandry specialist, \$2,400.	1 clerk-typewriter, \$840.	
1 crop specialist, \$2,400.	5 typewriters, at \$720 each.	
1 assistant in girls' canning clubs and home demonstration work, \$2,400.	1 messenger boy, \$180.	
1 assistant in girls' canning clubs and home demonstration work, \$1,800.	1 messenger boy, \$300.	
1 assistant, \$1,800.	2 skilled laborers, at \$300 each.	
2 typewriters, at \$720 each (temporary).		
2 skilled laborers, at \$300 each (temporary).		
Out of Washington—	Out of Washington—	
1 agent, \$2,500.	1 agent, \$2,500.	
3 agents, at \$2,200 each.	1 agent, \$2,300.	
1 agent, \$2,080.	1 agent, \$2,250.	
2 agents, at \$2,000 each.	3 agents, at \$2,200 each.	
1 agent, \$1,900.	1 agent, \$2,080.	
5 agents, at \$1,800 each.	3 agents, at \$2,000 each.	
1 agent, \$1,750.	2 agents, at \$1,900 each.	
6 agents, at \$1,680 each.	1 agent, \$1,820.	
1 agent, \$1,620.	11 agents, at \$1,800 each.	
1 agent, \$1,600.	1 agent, \$1,750.	
10 agents, at \$1,500 each.	1 agent, \$1,680.	
1 agent, \$1,400.	8 agents, at \$1,620 each.	
1 agent, \$1,380.	3 agents, at \$1,600 each.	
1 agent, \$1,300.	20 agents, at \$1,500 each.	
2 agents, at \$1,250 each.	2 agents, at \$1,380 each.	
14 agents, at \$1,200 each.	1 agent, \$1,350.	
1 agent, \$1,140.	1 agent, \$1,320.	
2 agents, at \$1,120 each.	1 agent, \$1,300.	
1 agent, \$1,100.	2 agents, at \$1,250 each.	
1 agent, \$1,080.	27 agents, at \$1,200 each.	
2 agents, at \$1,050 each.	1 agent, \$1,150.	
1 agent, \$1,044.	3 agents, at \$1,100 each.	
2 agents, at \$1,020 each.	2 agents, at \$1,080 each.	
4 agents, at \$1,008 each.	9 agents, at \$1,050 each.	
13 agents, at \$1,000 each.	2 agents, at \$1,020 each.	
1 agent, \$952.	13 agents, at \$1,000 each.	
1 agent, \$950.	186 agents, at \$900 each.	
2 agents, at \$944 each.	4 stenographer-typewriters, at \$900 each.	
162 agents, at \$900 each.	1 agent, \$850.	
5 stenographers and typewriters, at \$900 each (temporary).	1 agent, \$840.	
1 agent, \$880.	1 agent, \$67 per month.	
1 agent, \$850.	15 agents, at \$800 each.	
1 agent, \$844.	17 agents, at \$67.50 per month each.	
4 agents, at \$840 each.	2 agents, at \$65 per month each.	
15 agents, at \$810 each.	19 agents, at \$62.50 per month each.	
4 agents, at \$800 each.	19 agents, at \$60 per month each.	
2 agents, at \$784 each.	8 agents, at \$700 each.	
1 agent, \$67.20 per month.	1 agent, \$650.	
1 agent, \$67 per month.	1 agent, \$56.66 per month.	
1 agent, \$66.11 per month.	1 agent, \$56.50 per month.	
2 agents, at \$65 per month each.	9 agents, at \$56.25 per month each.	
23 agents, at \$62.50 per month each.	1 agent, \$57 per month.	
1 agent, \$62 per month.	5 agents, at \$55 per month each.	
11 agents, at \$60 per month each.	1 agent, \$54.54 per month.	
1 agent, \$59.26 per month.	1 agent, \$52.63 per month.	
2 agents, at \$700 each.	14 agents, at \$52.50 per month each.	
1 agent, \$692.	1 agent, \$625.	
1 agent, \$57.33 per month.	259 agents, at \$600 each.	
1 agent, \$56.50 per month.	1 typewriter, \$600.	
5 agents, at \$56.25 per month each.	1 agent, \$47.50 per month.	
7 agents, at \$56 per month each.	2 agents, at \$45.46 per month each.	
1 agent, \$55 per month.	1 agent, \$45.44 per month.	
1 agent, \$52.63 per month.	11 agents, at \$45 per month each.	
12 agents, at \$644 each.	1 agent, \$520.	
6 agents, at \$52.50 per month each.	1 agent, \$42.85 per month.	
1 agent, \$616.	4 agents, at \$42.50 per month each.	
4 agents, at \$50.40 per month each.	8 collaborating clerks, at \$25 per month each.	
1 typewriter, \$600 (temporary).	2 collaborating clerks, at \$20 per month each.	
254 agents, at \$50 per month each.	8 collaborating clerks, at \$15 per month each.	
2 agents, at \$49.50 per month each.	1 collaborating clerk, \$17.50 per month.	
3 agents, at \$49 per month each.	1 collaborating clerk, \$12 per month.	
1 agent, \$47.50 per month.		
1 agent, \$47.22 per month.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, States Relations Service—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Farmers' cooperative demonstrations, south, 1917, \$661,300.		Farmers' cooperative demonstrations, 1915, \$673,240, less \$2,000 by transfer to other lump funds of the Bureau of Plant Industry; net amount, \$671,240.	
Out of Washington—Continued. 1 agent, \$50. 2 agents, at \$350 each. 1 agent, \$45.45 per month. 1 agent, \$45.44 per month. 6 agents, at \$544 each. 4 agents, at \$45 per month each. 3 agents, at \$44.80 per month each. 1 agent, \$50. 1 agent, \$42.85 per month. 6 agents, at \$42.50 per month each. 2 agents, at \$42 per month each. 13 collaborators, at \$1.5 per month each. 2 collaborators, at \$22.50 per month each. 5 collaborators, at \$20 per month each. 1 collaborator, \$17.50 per month. 10 collaborators, at \$15 per month each. 1 collaborator, \$12 per month. 3 collaborators, at \$10 per month each. 106 collaborators, at \$1 per annum each. 535 agents and collaborators, at \$56.28 to \$500 per annum each.		Out of Washington—Continued. 4 collaborating clerks, at \$10 per month each. 100 collaborators, at \$1 per annum each. 391 agents and collaborators, at \$100 to \$500 per annum each.	
Traveling expenses.....	\$107,500.00	Traveling expenses.....	\$98,394.84
Supplies and equipment.....	11,750.00	Supplies and equipment.....	15,902.98
Miscellaneous expenses.....	750.00	Miscellaneous expenses.....	4,097.67
Total estimate, 1917.....	661,700.00	Total expenditures, 1915.....	660,320.33
Total appropriation, 1916.....	666,020.00		
Decrease (by transfer of 1 clerk, at \$1,000; 1 clerk, at \$1,200; 2 clerks, at \$720 each; and 2 charwomen, at \$240 each, to the statutory roll)...	4,720.00		
Farmers' institutes, 1917, \$20,600.		Farmers' institutes, 1915, \$23,000.	
Salaries.....	\$15,750.00	Salaries.....	\$16,349.10
As follows:		As follows:	
In Washington—		In Washington—	
1 chief specialist in agricultural education, \$2,400.		1 chief specialist in agricultural education, \$2,400.	
1 farmers' institute specialist, \$2,220.		1 farmers' institute specialist, \$2,220.	
1 specialist in agricultural education, \$2,220.		1 specialist in agricultural education, \$2,220.	
2 assistants in agricultural education, at \$1,980 each.		4 assistants in agricultural education, at \$1,800 each.	
2 assistants in agricultural education, at \$1,800 each.		1 messenger boy, \$480.	
Temporary clerical help, \$450 (estimated).		1 clerk, \$1,400.	
Out of Washington—		1 painter, \$3.50 per diem, when actually employed.	
1 specialist in agricultural education, \$7.50 per diem, when actually employed.		1 carpenter, \$3.50 per diem, when actually employed.	
Traveling expenses.....	2,500.00	Out of Washington—	
Supplies and equipment.....	1,200.00	1 specialist in agricultural education, \$7.50 per diem, when actually employed.	
Miscellaneous expenses.....	1,150.00	Traveling expenses.....	2,175.94
Total estimate, 1917.....	20,600.00	Supplies and equipment.....	1,146.22
Total appropriation, 1916.....	20,600.00	Miscellaneous expenses.....	1,023.53
		Total expenditures, 1915.....	20,694.79
Alaska experiment stations, 1917, \$60,000.		Alaska experiment stations, 1915, \$40,000.	
Salaries.....	\$23,500.00	Salaries.....	\$14,960.00
As follows:		As follows:	
Out of Washington—		Out of Washington—	
1 agronomist in charge, \$3,500.		1 special agent in charge, \$3,500.	
3 assistants in charge of substations, at \$2,700 each.		3 superintendents of substations, at \$2,400 each.	
1 assistant in charge of substation, \$2,000.		1 agent (horticulturist and botanist), \$1,500.	
1 assistant, \$1,800.		1 agent (botanist and plant breeder), \$1,440 (3 months).	
2 botanists and plant breeders, at \$1,800 each.		1 agent (assistant dairyman), \$1,200.	
1 horticulturist, \$1,500.		1 agent (assistant animal husbandman), \$1,200.	
1 dairyman, \$1,500.		Traveling expenses.....	663.43
1 animal husbandman, \$1,500.		Supplies and equipment.....	5,017.39
Traveling expenses.....	2,000.00	Miscellaneous expenses.....	19,359.18
Supplies and equipment.....	12,375.00	Total expenditures, 1915.....	40,000.00
Miscellaneous expenses.....	22,125.00		
Total estimate, 1917.....	60,000.00		
Total appropriation, 1916.....	40,000.00		
Increase.....	20,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, States Relations Service—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Hawaii experiment station, 1917, \$40,000.		Hawaii experiment station, 1915, \$35,000.	
Salaries.....	\$19,760.00	Salaries.....	\$15,837.65
As follows:		As follows:	
Out of Washington—		Out of Washington—	
1 agronomist in charge, \$3,500.		1 agronomist in charge, \$3,500.	
1 horticulturist, \$2,220.		1 chemist, \$2,400 (4 months).	
1 superintendent of extension work, \$1,920.		1 horticulturist, \$2,220.	
1 chemist, \$1,800.		1 entomologist, \$2,100 (1 month).	
1 assistant agronomist, \$1,800.		1 superintendent of extension work, \$1,920 (8 months).	
1 county agent, \$1,800.		1 chemist, \$1,800 (8 months).	
1 assistant agronomist, \$1,500.		1 clerk, \$1,500.	
1 assistant chemist, \$1,500.		1 assistant agronomist, \$1,320.	
1 clerk, \$1,500.		1 assistant chemist, \$1,260.	
1 horticulturist, \$1,320.		1 assistant horticulturist, \$1,200.	
3 collaborators, at \$25 per month each.		4 collaborators, at \$25 per month each (3 months).	
Traveling expenses.....	500.00	Traveling expenses.....	\$65.95
Supplies and equipment.....	9,100.00	Supplies and equipment.....	4,636.72
Miscellaneous expenses.....	10,640.00	Miscellaneous expenses.....	13,659.68
Total estimate, 1917.....	40,000.00	Total expenditures, 1915.....	35,000.00
Total appropriation, 1916.....	35,000.00		
Increase.....	5,000.00		
Porto Rico experiment station, 1917, \$40,000.		Porto Rico experiment station, 1915, \$30,000.	
Salaries.....	\$23,700.00	Salaries.....	\$15,230.00
As follows:		As follows:	
Out of Washington—		Out of Washington—	
1 agronomist in charge, \$3,500.		1 special agent in charge, \$3,500.	
1 chemist, \$2,700.		1 chemist, \$2,400.	
1 superintendent of extension work, \$2,500.		1 horticulturist, \$2,100.	
1 horticulturist, \$2,400.		1 plant pathologist, \$1,800 (7 months).	
1 plant pathologist, \$1,800.		1 assistant horticulturist, \$1,800.	
1 assistant horticulturist, \$1,800.		1 assistant chemist, \$1,440.	
2 assistants, at \$1,500 each.		1 clerk and stenographer, \$1,440.	
1 entomologist, \$1,500.		1 entomologist, \$1,500.	
1 assistant plant pathologist, \$1,500.			
1 assistant chemist, \$1,500.			
1 clerk and stenographer, \$1,500.			
Traveling expenses.....	3,700.00	Traveling expenses.....	485.06
Supplies and equipment.....	5,380.00	Supplies and equipment.....	2,751.08
Miscellaneous expenses.....	7,220.00	Miscellaneous expenses.....	11,533.86
Total estimate, 1917.....	40,000.00	Total expenditures, 1915.....	30,000.00
Total appropriation, 1916.....	30,000.00		
Increase.....	10,000.00		
Guam experiment station, 1917, \$15,000.		Guam experiment station, 1915, \$15,000.	
Salaries.....	\$6,480.00	Salaries.....	\$6,457.50
As follows:		As follows:	
Out of Washington—		Out of Washington—	
1 agronomist in charge, \$2,820.		1 agronomist in charge, \$2,700.	
1 veterinarian and animal husbandman, \$1,920.		1 agent, \$2,700 (1½ months).	
1 assistant, \$1,740.		1 veterinarian and animal husbandman, \$1,800.	
1 assistant, \$1,740.		1 assistant, \$1,620.	
Traveling expenses.....	200.00	Supplies and equipment (estimated).....	2,759.51
Supplies and equipment.....	3,248.00	Miscellaneous expenses (estimated).....	5,782.99
Miscellaneous expenses.....	5,072.00	Total expenditures, 1915.....	15,000.00
Total estimate, 1917.....	15,000.00		
Total appropriation, 1916.....	15,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
General Expenses, States Relations Service—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Home economics investigations, 1917, \$21,220.		Nutrition investigations, 1915, \$25,760.	
Salaries.....	\$20,220.00	Salaries.....	\$21,652.11
As follows:		As follows:	
In Washington—		In Washington—	
1 chief, office of home economics, \$3,000.		1 chief nutrition investigations, \$3,000 (9 months).	
1 assistant chief, \$2,700.		1 assistant, \$2,700.	
1 scientific assistant, \$1,980.		3 scientific assistants, at \$1,800 each.	
2 scientific assistants, at \$1,800 each.		2 scientific assistants, at \$1,620 each.	
2 scientific assistants, at \$1,520 each.		1 assistant, \$1,440.	
1 expert, \$1,620.		1 junior chemist, \$1,440.	
2 scientific assistants, at \$1,440 each.		1 junior chemist, \$900.	
2 collaborators, at \$300 each.		2 stenographers and typewriters, at \$900 each.	
4 collaborators, at \$25 per month each (part time).		6 collaborators, at \$25 per month each.	
Traveling expenses.....	1,000.00	Traveling expenses.....	665.55
Supplies and equipment.....	2,020.00	Supplies and equipment.....	2,523.43
Miscellaneous expenses.....	980.00	Miscellaneous expenses.....	771.56
Total estimate, 1917.....	21,220.00	Total expenditures, 1915.....	25,615.65
Total appropriation, 1916.....	20,500.00		
Decrease (by transfer of 2 clerks at \$900 each, and 1 charwoman at \$450, to statutory roll.....	2,280.00		
Total for States Relations Service (increase \$60,000)		\$2,881,840.00	\$2,821,840.00

OFFICE OF PUBLIC ROADS AND RURAL ENGINEERING.

Salaries, Office of Public Roads and Rural Engineering—

- (1) One director, who shall be a scientist and have charge of all scientific and technical work (increase of \$500 submitted) (*act Mar. 4, 1915, vol. 38, p. 1110, sec. 1*) \$5,000.00

NOTE.—The Director of the Office of Public Roads and Rural Engineering has been in the service of the department about 15 years. The work of that office is constantly growing in importance. The increase recommended will make his compensation conform to that received by the chiefs of other scientific bureaus in the department having similar responsibilities.

- (2) One draftsman or clerk (in lieu of 1 draftsman, at \$1,920) (*same act*) .. 1,920.00

NOTE.—This change in designation is recommended for the purpose of affording greater flexibility in handling the force.

【One draftsman, \$1,920, changed to 1 draftsman or clerk, \$1,920, as above.】

- (3) One chief clerk (*same act*) 1,900.00

- (4) One model maker (by transfer from lump fund for road management) (*same act*) 1,800.00

- (5) Two clerks, class 4 (*same act*) 3,600.00

- (6) Five clerks, class 3 (increase of 1 by transfer from lump fund for road management) (*same act*) 8,000.00

- (7) One clerk or editorial clerk (*same act*) 1,600.00

- (8) One clerk (*same act*) 1,500.00

- (9) One clerk or photographer (in lieu of 1 clerk, at \$1,440) (*same act*) .. 1,440.00

NOTE.—This change in designation is recommended for the purpose of affording greater flexibility in the handling of the force.

【One clerk, \$1,440, changed to 1 clerk or photographer, \$1,440, as above.】

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Office of Public Roads and Rural Engineering—Continued.</i>		
(10) One clerk or instrument maker (decrease of 1 by transfer to statutory roll of Secretary's office) (<i>act Mar. 4, 1915, vol. 38, p. 1110, sec. 1</i>)	\$1,440.00	
(11) One clerk or tabulator (<i>same act</i>)	1,440.00	
(12) One clerk, class 2 (decrease of 1 by transfer to statutory roll of Secretary's office) (<i>same act</i>)	1,400.00	
(13) One clerk (<i>same act</i>)	1,380.00	
(14) Two clerks, at \$1,320 each (<i>same act</i>)	2,640.00	
(15) Four clerks, at \$1,260 each (<i>same act</i>)	5,040.00	
(16) Six clerks, class 1 (increase of 1 by transfer from lump fund for road management) (<i>same act</i>)	7,200.00	
(17) One clerk or editorial clerk (<i>same act</i>)	1,200.00	
(18) One draftsman (by transfer from lump fund for road building and maintenance) (<i>same act</i>)	1,320.00	
(19) One clerk or draftsman (<i>same act</i>)	1,200.00	
(20) One clerk or draftsman (<i>same act</i>)	900.00	
(21) One clerk or photographer (<i>same act</i>)	1,200.00	
(22) One clerk or photographer (<i>same act</i>)	1,000.00	
(23) Two clerks, at \$1,140 each (<i>same act</i>)	2,280.00	
(24) Two clerks, at \$1,080 each (<i>same act</i>)	2,160.00	
(25) One clerk (<i>same act</i>)	1,020.00	
(26) Seven clerks, at \$1,000 each (<i>same act</i>)	7,000.00	
(27) One clerk or skilled laborer (by transfer of 1 skilled laborer, at \$1,000, from lump fund for road management, with change of title) (<i>same act</i>)	1,000.00	
NOTE.—This change in designation is recommended for the purpose of affording greater flexibility in handling the force.		
(28) Three clerks, at \$900 each (<i>same act</i>)	2,700.00	
(29) One mechanic (by transfer from lump fund for farm irrigation) (<i>same act</i>)	1,680.00	
(30) One clerk or instrument maker (<i>same act</i>)	1,200.00	
(31) One lantern slide colorist (by transfer from lump fund for road management) (<i>same act</i>)	1,320.00	
(32) One mechanic (by transfer from statutory roll of Secretary's office) (<i>same act</i>)	1,200.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.																																								
<i>Salaries, Office of Public Roads and Rural Engineering—Continued.</i>																																										
(33) One carpenter (by transfer from lump fund for road material) <i>(act Mar. 4, 1915, vol. 38, p. 1110, sec. 1)</i> -----	\$1, 200. 00																																									
(34) One messenger, laborer, or laboratory helper (in lieu of 1 messenger or laboratory helper, at \$840) <i>(same act)</i> -----	840. 00																																									
NOTE.—This change in designation is recommended for the purpose of affording greater flexibility in handling the force.																																										
[One messenger or laboratory helper, \$840, changed to 1 messenger, laborer, or laboratory helper, \$840, as above.]																																										
(35) One messenger or laborer (by transfer of 1 laborer, at \$840, from lump fund for farm drainage, with change of title) <i>(same act)</i> --	840. 00																																									
NOTE.—This change in designation is recommended for the purpose of affording greater flexibility in handling the force.																																										
(36) Two messengers, laborers, or laboratory helpers, at \$720 each <i>(same act)</i> -----	1, 440. 00																																									
(37) Two messengers or laborers, at \$660 each (increase of 1 by transfer of 1 laborer at \$660 from lump fund for road management, with change of title) <i>(same act)</i> -----	1, 320. 00																																									
NOTE.—This change in designation is recommended for the purpose of affording greater flexibility in handling the force.																																										
(38) Five messengers, laborers, or messenger boys, at \$600 each <i>(same act)</i> -----	3, 000. 00																																									
(39) Seven laborers, messenger boys, or charwomen, at \$480 each (increase of 2 by transfer of 1 messenger boy at \$480 from lump fund for farm irrigation, and 1 charwoman at \$480 from lump fund for road management, with change of title in each case) <i>(same act)</i> -----	3, 360. 00																																									
NOTE.—These changes in designation are recommended for the purpose of affording greater flexibility in handling the force.																																										
(40) Five charwomen, at \$240 each (increase of 2 by transfer from lump funds for road material and farm irrigation) <i>(same act)</i> --	1, 200. 00																																									
	\$88, 880. 00	\$75, 960. 00																																								
<table><tr><td>Appropriations for 1907.....</td><td>\$12, 340</td><td>Estimates for 1908.....</td><td>\$14, 540</td></tr><tr><td>Appropriations for 1908.....</td><td>12, 390</td><td>Estimates for 1909.....</td><td>15, 210</td></tr><tr><td>Appropriations for 1909.....</td><td>12, 390</td><td>Estimates for 1910.....</td><td>16, 210</td></tr><tr><td>Appropriations for 1910.....</td><td>16, 460</td><td>Estimates for 1911.....</td><td>21, 260</td></tr><tr><td>Appropriations for 1911.....</td><td>21, 260</td><td>Estimates for 1912.....</td><td>31, 060</td></tr><tr><td>Appropriations for 1912.....</td><td>31, 020</td><td>Estimates for 1913.....</td><td>37, 940</td></tr><tr><td>Appropriations for 1913.....</td><td>37, 020</td><td>Estimates for 1914.....</td><td>54, 400</td></tr><tr><td>Appropriations for 1914.....</td><td>47, 400</td><td>Estimates for 1915.....</td><td>53, 000</td></tr><tr><td>Appropriations for 1915.....</td><td>52, 500</td><td>Estimates for 1916.....</td><td>75, 960</td></tr><tr><td>Appropriations for 1916.....</td><td>75, 960</td><td>Estimates for 1917.....</td><td>88, 880</td></tr></table>			Appropriations for 1907.....	\$12, 340	Estimates for 1908.....	\$14, 540	Appropriations for 1908.....	12, 390	Estimates for 1909.....	15, 210	Appropriations for 1909.....	12, 390	Estimates for 1910.....	16, 210	Appropriations for 1910.....	16, 460	Estimates for 1911.....	21, 260	Appropriations for 1911.....	21, 260	Estimates for 1912.....	31, 060	Appropriations for 1912.....	31, 020	Estimates for 1913.....	37, 940	Appropriations for 1913.....	37, 020	Estimates for 1914.....	54, 400	Appropriations for 1914.....	47, 400	Estimates for 1915.....	53, 000	Appropriations for 1915.....	52, 500	Estimates for 1916.....	75, 960	Appropriations for 1916.....	75, 960	Estimates for 1917.....	88, 880
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Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Office of Public Roads and Rural Engineering—Continued.</i>		
NOTE.—Apparent increase, \$12,920; actual increase, \$500, as follows:		
<i>Promotion.</i>		
1 director, from \$4,500 to \$5,000.....	\$500	
Actual increase.....	\$500	
<i>Transfers from lump funds of this office, which funds have been correspondingly reduced.</i>		
1 model maker, from road management.....	\$1,800	
1 clerk, class 3, from road management.....	1,600	
1 clerk, class 1, from road management.....	1,200	
1 draftsman, from road building and maintenance.....	1,320	
1 clerk or skilled laborer, from road management, with change of title from 1 skilled laborer, \$1,000.....	1,000	
1 mechanician, from farm irrigation.....	1,680	
1 lantern-slide colorist, from road management.....	1,320	
1 carpenter, from road material.....	1,200	
1 messenger or laborer, from farm drainage, with change of title from 1 laborer, \$840.....	840	
1 messenger or laborer, from road management, with change of title from 1 laborer, \$660.....	660	
1 laborer, messenger boy, or charwoman, from farm irrigation, with change of title from 1 messenger boy, \$480.....	480	
1 laborer, messenger boy, or charwoman, from road management, with change of title from 1 charwoman, \$480.....	480	
1 charwoman, from road material.....	240	
1 charwoman, from farm irrigation.....	240	
	14,060	
<i>Transfer from statutory roll of Secretary's office, which roll has been correspondingly reduced.</i>		
1 mechanic.....	1,200	
	15,260	
<i>Transfers to statutory roll of Secretary's office, and statutory roll of this office correspondingly reduced.</i>		
1 clerk or instrument maker.....	\$1,440	
1 clerk, class 2.....	1,400	
	2,840	
	12,420	
Apparent increase.....	12,920	
<i>Change of title.</i>		
1 draftsman or clerk, \$1,920, in lieu of 1 draftsman, \$1,920.		
1 clerk or photographer, \$1,440, in lieu of 1 clerk, \$1,440.		
1 messenger, laborer, or laboratory helper, \$840, in lieu of 1 messenger or laboratory helper, \$840.		
1 clerk or skilled laborer, \$1,000, in lieu of 1 skilled laborer, \$1,000, from lump fund.		
1 messenger or laborer, \$840, in lieu of 1 laborer, \$840, from lump fund.		
1 messenger or laborer, \$660, in lieu of 1 laborer, \$660, from lump fund.		
1 laborer, messenger boy, or charwoman, \$480, in lieu of 1 messenger boy, \$480, from lump fund.		
1 laborer, messenger boy, or charwoman, \$480, in lieu of 1 charwoman, \$480, from lump fund.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Office of Public Roads and Rural Engineering.</i>		
(41) For salaries and the employment of labor in the city of Washington and elsewhere, supplies, office fixtures, apparatus, traveling and all other necessary expenses, for conducting investigations and experiments, and for collating, reporting, and illustrating the results of same, and for preparing, publishing, and distributing bulletins and reports, as follows: <i>Provided</i> , That no part of these appropriations shall be expended for the rent or purchase of road-making machinery, except such as may be necessary for field experimental work as hereinafter provided for:		
(42) For inquiries in regard to systems of road management throughout the United States and for giving expert advice on this subject [\$42,600] (act Mar. 4, 1915, vol. 38, pp. 1110, 1111, sec. 1) -----	\$39, 540. 00	
NOTE.—There is an apparent decrease in the above item of \$3,060, but, taking into consideration the transfer to the statutory roll of 1 clerk at \$1,600, 1 clerk at \$1,200, 1 skilled laborer at \$1,000, 1 laborer at \$660, 1 charwoman at \$480, 1 model maker at \$1,800, and 1 lantern-slide colorist at \$1,320, involving \$8,060, the actual increase is \$5,000. This amount will be required for additional supplies and equipment and for additional traveling expenses for the present force in connection with the work already under way.		
(43) For investigations of the best methods of road making, especially ordinary sand-clay and dirt roads, and the best kinds of road-making materials, and for furnishing expert advice on road building and maintenance [\$145,000] (same act) -----	142, 780. 00	
NOTE.—There is an apparent decrease in the above item of \$2,220, due to the transfer of 1 draftsman at \$1,320 to the statutory roll of this office, and 1 clerk at \$900 to the statutory roll of the Secretary's office.		
(44) For investigations of the chemical and physical character of road materials [\$34,820] (same act) -----	42, 780. 00	
NOTE.—There is an apparent increase in the above item of \$7,960, but, taking into consideration the transfer to the statutory roll of this office of 1 carpenter at \$1,200, and 1 charwoman at \$240, and the transfer to the statutory roll of the Secretary's office of 1 elevator conductor at \$600, the actual increase is \$10,000. This additional amount is desired in order to adequately prosecute the work on concrete now under way. It will be necessary to engage 4 additional assistant engineers, at salaries aggregating \$6,600, with traveling expenses estimated at \$800 and supplies and equipment at \$2,600.		
(45) For conducting field experiments and various methods of road construction and maintenance, and investigations concerning various road materials and preparations; for investigating and developing equipment intended for the preparation and application of bituminous and other binders; for the purchase of materials and equipment; for the employment of assistants and labor; for the erection of buildings; such experimental work to be [confined as nearly as possible to one point during the fiscal year] conducted upon experimental roads constructed by the Department of Agriculture and upon post roads constructed under the act of Aug. 24, 1912 (same act) -----	60, 000. 00	
NOTE.—The change in phraseology is desired in order to enable the office to maintain certain post roads, the cost of whose construction has been defrayed from the special appropriation of \$500,000 under the act of Aug. 24, 1912. There are various types of such roads in different States, and it is desirable to conduct experimental maintenance tests under varying conditions, with a view to ascertaining the serviceability of the different types and to determine maintenance costs.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Office of Public Roads and Rural Engineering—Continued.</i>		
<p>(46) For investigating and reporting upon the utilization of water in farm irrigation, including the best methods to apply in practice; the different kinds of power and appliances, and the development of equipment for farm irrigation; the flow of water in ditches, pipes, and other conduits; <i>the development of water for irrigation from underground sources, and the sinking of the necessary wells</i>; the duty, apportionment, and measurement of irrigation water; the customs, regulations, and laws affecting irrigation; for the purchase and installation of equipment for experimental purposes; for the giving of expert advice and assistance; for the preparation and illustration of reports and bulletins on irrigation; for the employment of assistants and labor in the city of Washington and elsewhere; for rent outside of the District of Columbia; and for supplies and all necessary expenses [\$106,400] (<i>act Mar. 4, 1915; vol. 38, pp. 1110, 1111, sec. 1</i>) . . . \$103,400.00</p> <p>NOTE.—There is an apparent decrease in the above item of \$3,000, due to the transfer to the statutory roll of this office of 1 mechanic at \$1,630, 1 messenger boy at \$480, and 1 charwoman at \$240, and the transfer to the statutory roll of the Secretary's office of 1 unskilled laborer (elevator conductor) at \$600. The new language added is for the purpose of better describing the work now being done and providing specific authority therefor.</p>		
<p>(47) For investigating and reporting upon farm drainage and upon the drainage of swamp and other wet lands which may be made available for agricultural purposes; for preparing plans for the removal of surplus water by drainage, and for giving expert assistance by advice or otherwise in the drainage of such lands; for conducting field experiments and investigations concerning the construction and maintenance of farm drainage work; for investigating and developing equipment intended for the construction and maintenance of farm drainage structures; for the purchase of materials and equipment; and for preparing and illustrating reports and bulletins on drainage; and for the employment of assistants and labor in the city of Washington and elsewhere; for rent outside the District of Columbia, and for supplies and all necessary expenses [\$96,280] (<i>same act</i>) . . . 94,720.00</p> <p>NOTE.—There is an apparent decrease in the above item of \$1,560, due to the transfer of 1 laborer at \$340 to the statutory roll of this office and 1 watchman at \$720 to the statutory roll of the Secretary's office.</p>		
<p>(48) For investigating farm domestic water supply and drainage disposal, the construction of farm buildings, and other rural engineering problems involving mechanical principles, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses [\$12,805] (<i>same act</i>) . . . 27,805.00</p> <p>NOTE.—There is an apparent increase in the above item of \$15,000, but, taking into consideration the transfer of 1 architectural draftsman at \$900 from the lump-fund appropriation for dairy investigations in the Bureau of Animal Industry and 1 architect at \$900 from the statutory roll of that bureau, which funds have been correspondingly reduced, the actual increase is \$13,200. It is proposed to use this increase in making studies of farm domestic water supply, farm drainage disposal, the construction of farm buildings and other structures, and other rural engineering problems involving mechanical principles. The present small appropriation is barely sufficient to start the work in rural engineering and this increase is urgently needed. It is desired to aid the farmer to secure a pure and adequate water supply for household purposes and for farming operations. Work should also be done upon farm drainage disposal and studies carried on relating to the construction of farm buildings and other structures in the interest of the comfort and well-being of the farmer's family and the proper care of his live stock. In addition it is proposed to cooperate with manufacturers in standardizing farm equipment of all kinds. This should tend to reduce the first cost of machinery and also the cost of repairs and upkeep. It is also planned to continue studies upon the mechanical efficiency of spraying outfits and to conduct further studies of the threshing-machine explosions which have occurred with such frequency throughout the Northwest.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Office of Public Roads and Rural Engineering—Continued.</i>		
(49) For general administrative expenses connected with the above-mentioned lines of investigations and experiments (<i>act Mar. 4, 1915; vol. 38, pp. 1110, 1111, sec. 1</i>).....	\$12,600.00	
In all, for general expenses.....	\$523,625.00	\$510,505.00
Appropriations for 1907..... \$57,660 Appropriations for 1908..... 57,660 Appropriations for 1909..... 75,000 Appropriations for 1910..... 100,000 Appropriations for 1911..... 92,980 Appropriations for 1912..... 126,700 Appropriations for 1913..... 165,100 Appropriations for 1914..... 232,000 Appropriations for 1915..... 300,060 Appropriations for 1916..... ¹ 510,505	Estimates for 1908..... \$86,460 Estimates for 1909..... 91,620 Estimates for 1910..... 110,240 Estimates for 1911..... 92,980 Estimates for 1912..... 131,840 Estimates for 1913..... 189,456 Estimates for 1914..... 331,840 Estimates for 1915..... 341,390 Estimates for 1916..... ¹ 597,700 Estimates for 1917..... 523,625	

¹ Includes \$202,680 for irrigation and drainage investigations previously carried in States Relations Service.

Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.

Road management, 1917, \$39,540.	Road management, 1915, \$44,800.
Salaries..... \$27,292.00 As follows: In Washington— 1 chief of road economics, \$3,500. 1 assistant in road economics, \$2,500. 1 assistant in road economics, \$2,040. 1 highway engineer, \$1,740. Out of Washington— 1 senior highway engineer, \$2,220. 1 senior highway engineer, \$2,100. 1 superintendent of road construction, \$2,100. 2 highway engineers, at \$1,800 each. 1 assistant in road economics, \$1,740. 1 assistant in road economics, \$1,500. 51 collaborators, at \$5 per diem each, when actually employed. 2 collaborators, at \$4 per diem each, when actually employed. 1 collaborator, \$2.50 per diem, when actually employed. 17 collaborators, at \$2 per diem each, when actually employed. 3 collaborators, at \$1.75 per diem each, when actually employed. 20 collaborators, at \$1.50 per diem each, when actually employed. 1 collaborator, \$1.25 per diem, when actually employed. 6 collaborators, at \$1 per diem each, when actually employed. Traveling expenses..... 9,000.00 Supplies and equipment..... 1,548.00 Miscellaneous expenses..... 1,700.00 Total estimate, 1917..... 39,540.00 Total appropriation, 1916..... 42,600.00 Decrease (but as 1 clerk, class 3; 1 clerk, class 1; 1 clerk, at \$1,000; 1 laborer, at \$660; 1 charwoman, at \$480; 1 model maker, at \$1,800, and 1 lantern-slide colorist, at \$1,320, have been transferred to statutory roll, there is an actual increase of \$5,000)..... 3,060.00	Salaries..... \$31,868.72 As follows: In Washington— 1 chief of road economics, \$3,500. 1 assistant in road economics, \$2,500. 1 assistant in road economics, \$2,040. 1 assistant in road economics, \$1,500. 1 model maker, \$1,800. 1 lantern slide colorist, \$1,320. 1 lecturer, \$1,200. 1 highway engineer, \$1,740. 1 clerk, \$1,200. 1 clerk, \$1,000. 3 temporary clerks, at \$1,000 each. 1 carpenter, \$1,100 (part time). Out of Washington— 1 senior highway engineer, \$2,220. 1 senior highway engineer, \$2,100. 2 senior highway engineers, at \$1,800 each. 1 superintendent of road construction, \$2,100. 1 collaborator, \$8 per diem, when actually employed. 58 collaborators, at \$5 per diem each, when actually employed. 1 collaborator, \$2.50 per diem, when actually employed. 21 collaborators, at \$2 per diem each, when actually employed. 27 collaborators, at \$1.50 per diem each, when actually employed. 3 collaborators, at \$1.75 per diem each, when actually employed. 2 collaborators, at \$1.25 per diem each, when actually employed. 6 collaborators, at \$1 per diem each, when actually employed. Traveling expenses..... 8,776.18 Supplies and equipment..... 1,352.20 Miscellaneous expenses..... 1,554.11 Total expenditures, 1915..... 43,551.21

Investigating road building and maintenance, 1917, \$142,780.	Investigating road building and maintenance, 1915, \$145,000, and \$3,626 transferred from road material, less \$1,400 by transfer to administrative expenses and \$2,000 to field experiments; net amount, \$145,226.
Salaries..... \$110,133.00 As follows: In Washington— 1 assistant director, \$4,000 (part time). 1 chief of construction, \$3,500. 1 bridge engineer, \$3,300. 1 senior highway engineer, \$2,700. 1 engineer draftsman, \$1,600. 1 highway bridge engineer, \$1,500.	Salaries..... \$110,326.49 As follows: In Washington— 1 assistant director, \$3,500 (2 months). 1 chief of construction, \$3,500. 1 bridge engineer, \$3,000. 1 chief of maintenance, \$3,000. 1 senior highway engineer, \$2,700. 1 draftsman, \$1,600. 1 draftsman, \$1,500.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Office of Public Roads and Rural Engineering—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Investigating road building and maintenance, 1917, \$142,780.	Investigating road building and maintenance, 1915, \$145,000, and \$3,626 transferred from road material, less \$1,400 by transfer to administrative expenses and \$2,000 to field experiments; net amount, \$145,226.		
<p>Out of Washington—</p> <p>1 chief of maintenance, \$3,000.</p> <p>1 chief of national park and forest roads, \$3,000.</p> <p>1 senior highway engineer, \$3,000.</p> <p>4 senior highway engineers, at \$2,700 each.</p> <p>3 senior highway engineers, at \$2,500 each.</p> <p>3 senior highway engineers, at \$2,400 each.</p> <p>9 senior highway engineers, at \$2,220 each.</p> <p>1 highway engineer, \$2,220.</p> <p>2 highway engineers, at \$1,800 each.</p> <p>2 highway engineers, at \$1,500 each.</p> <p>1 highway engineer, \$1,320.</p> <p>5 junior highway engineers, at \$1,320 each.</p> <p>4 junior highway engineers, at \$1,080 each.</p> <p>8 junior highway engineers, at \$960 each.</p> <p>1 senior highway engineer, \$9 per diem, when actually employed.</p> <p>2 senior highway engineers, at \$8 per diem each, when actually employed.</p> <p>3 superintendents of road construction, at \$6 per diem each, when actually employed.</p> <p>1 superintendent of road construction, \$5.50 per diem, when actually employed.</p> <p>1 superintendent of road construction, \$4.90 per diem, when actually employed.</p> <p>Traveling expenses..... \$29,347.00</p> <p>Supplies and equipment..... 2,600.00</p> <p>Miscellaneous expenses..... 700.00</p> <p>Total estimate, 1917..... 142,780.00</p> <p>Total appropriation, 1916..... 145,000.00</p> <p>Decrease (by transfer of 1 draftsman at \$1,320 to statutory roll of this bureau, and 1 clerk at \$900 to statutory roll of Secretary's office)..... 2,220.00</p>	<p>Out of Washington—</p> <p>1 chief, division of national park and forest roads, \$3,000.</p> <p>1 senior highway engineer, \$3,000.</p> <p>5 senior highway engineers, at \$2,700 each.</p> <p>4 senior highway engineers, at \$2,500 each.</p> <p>3 senior highway engineers, at \$2,400 each.</p> <p>10 senior highway engineers, at \$2,220 each.</p> <p>1 senior highway engineer, \$9 per diem, when actually employed.</p> <p>2 senior highway engineers, at \$8 per diem each, when actually employed.</p> <p>3 senior highway engineers, at \$1,800 each.</p> <p>1 senior highway engineer, \$1,600.</p> <p>4 highway engineers, at \$1,500 each.</p> <p>1 highway engineer, \$1,320.</p> <p>5 junior highway engineers, at \$1,200 each.</p> <p>7 junior highway engineers, at \$960 each.</p> <p>6 civil engineer students, at \$720 each.</p> <p>2 superintendents of road construction, at \$6 per diem each, when actually employed.</p> <p>1 superintendent of road construction, \$5.50 per diem, when actually employed.</p> <p>1 superintendent of road construction, \$4.90 per diem, when actually employed.</p> <p>Traveling expenses..... \$30,411.03</p> <p>Supplies and equipment..... 2,669.92</p> <p>Miscellaneous expenses..... 863.95</p> <p>Total expenditures, 1915..... 144,271.39</p>		
Road material, 1917, \$12,780.	Road material, 1915, \$36,260, less \$3,626 by transfer to road building and maintenance; net amount, \$32,634.		
<p>Salaries..... \$36,650.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 chemical engineer, \$3,600.</p> <p>1 mechanical engineer, \$3,500.</p> <p>1 engineer of tests, \$3,250.</p> <p>1 chemist, \$2,640.</p> <p>1 associate mechanical engineer, \$2,400.</p> <p>1 assistant chemist, \$2,000.</p> <p>1 assistant chemist, \$1,800.</p> <p>3 assistant testing engineers, at \$1,600 each.</p> <p>1 petro. grapher, \$1,600.</p> <p>3 assistant chemists, at \$1,500 each.</p> <p>1 assistant chemist, \$1,200.</p> <p>2 assistant chemists, at \$1,000 each.</p> <p>1 aid, \$840.</p> <p>3 laboratory apprentices, at \$540 each.</p> <p>3 student assistants, at \$300 each.</p> <p>Traveling expenses..... 2,500.00</p> <p>Supplies and equipment..... 1,313.00</p> <p>Miscellaneous expenses..... 2,317.00</p> <p>Total estimate, 1917..... 42,780.00</p> <p>Total appropriation, 1916..... 34,820.00</p> <p>Increase (but as 1 carpenter at \$1,200 and 1 charwoman at \$240 have been transferred to statutory roll of this bureau, and 1 elevator conductor at \$600 to the statutory roll of the Secretary's office, there is an actual increase of \$10,000)..... 7,960.00</p>	<p>Salaries..... \$25,269.30</p> <p>As follows:</p> <p>In Washington—</p> <p>1 mechanical engineer, \$3,000.</p> <p>1 assistant mechanical engineer, \$2,400.</p> <p>1 chemist, \$2,500.</p> <p>1 assistant chemist, \$2,500.</p> <p>1 assistant chemist, \$2,000.</p> <p>1 assistant chemist, \$1,500.</p> <p>1 assistant chemist, \$1,200.</p> <p>1 petrographer, \$1,600.</p> <p>1 laboratory assistant, \$1,600.</p> <p>1 aid in chemistry, \$840.</p> <p>1 laboratory apprentice, \$600.</p> <p>1 instrument maker, \$1,440.</p> <p>1 clerk, \$1,800.</p> <p>1 clerk, \$1,000.</p> <p>4 student assistants, at \$25 per month each.</p> <p>Traveling expenses..... 2,053.46</p> <p>Supplies and equipment..... 1,476.82</p> <p>Miscellaneous expenses..... 2,913.01</p> <p>Total expenditures, 1915..... 31,712.59</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Office of Public Roads and Rural Engineering—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
<p>Field experiments, 1917, \$60,000.</p> <hr/> <p>Salaries..... \$10,963.00 As follows: In Washington— 1 mechanical engineer, \$3,500. Out of Washington— 1 assistant mechanical engineer, \$1,800. 3 assistant mechanical engineers, at \$1,600 each. 1 patrolman, \$840. 1 patrolman, \$720. 3 patrolmen, at \$600 each (temporary). 3 student assistants, at \$300 each. Traveling expenses..... 3,000.00 Supplies and equipment..... 337.00 Miscellaneous expenses..... 3,200.00 Construction work¹..... 42,500.00 <hr/> Total estimate, 1917..... 60,000.00 Total appropriation, 1916..... 60,000.00</p>	<p>Field experiments, 1915, \$60,000; plus \$2,000 by transfer from road building and maintenance; total, \$62,000.</p> <hr/> <p>Salaries..... \$9,631.93 As follows: In Washington— 2 assistant mechanical engineers, at \$1,600 each. Out of Washington— 1 assistant mechanical engineer, \$1,800. 1 assistant mechanical engineer, \$1,600. 3 road patrolmen, at \$720 each. Traveling expenses..... 3,355.28 Supplies and equipment..... 283.61 Miscellaneous expenses..... 9,862.07 Construction work²..... 38,388.92 <hr/> Total expenditures, 1915..... 61,521.81</p>	
<p>¹ The unit cost for the construction work to be done can not be stated at this time as it has not been decided just what the work will be nor what the items entering into the same will be.</p>		
	<p>² The unit cost for the construction of two sections of the Russell road in Alexandria County, Va., which cost \$37,000, under contract by William P. McDonald Company, is as follows:</p>	
	SECTION A.	
	Clearing and grubbing, \$50 per acre.	
	Grading:	
	Earth excavation, 35 cents per cubic yard.	
	Rock excavation, \$2.50 per cubic yard.	
	Shaping subgrade and shoulders, including rolling, 2½ cents per square yard.	
	Foundation course, gravel rolled in place, 65 cents per ton.	
	Wearing course as specified, 45 cents per square yard.	
	Concrete masonry:	
	Concrete class B headwalls, \$8 per cubic yard.	
	Concrete class A culverts, \$7 per cubic yard.	
	Steel reinforcing bars in place in concrete, 5 cents per pound.	
	Placing cast-iron pipe culvert, 16-inch diameter, \$1 per linear foot.	
	Concrete-bound stones in place, \$4 each.	
	SECTION B.	
	Clearing and grubbing, \$50 per acre.	
	Grading:	
	Earth excavation, 35 cents per cubic yard.	
	Rock excavation, 35 cents per cubic yard.	
	Shaping subgrade and shoulders, including rolling, 2½ cents per square yard.	
	Foundation course, gravel rolled in place, 75 cents per ton.	
	Wearing course:	
	Experiments 3 and 4, bituminous macadam, 45 cents per square yard.	
	Experiment 5, gravel grouted with sand-asphalt mixture, 48 cents per square yard.	
	Experiment 6, bituminous gravel macadam, 48 cents per square yard.	
	Experiment 7, gravel with surface treatment, 35 cents per square yard.	
	Concrete masonry:	
	Concrete class B head walls, \$8 per cubic yard.	
	Concrete class A in culverts, \$10 per cubic yard.	
	Concrete class AA in gutters, \$8 per cubic yard.	
	Reinforcing steel in place in concrete, 3 cents per pound.	
	Cobble-stone gutters, 70 cents per square yard.	
	Placing corrugated metal pipe culverts:	
	Diameter 15 inches, 40 cents per linear foot.	
	Diameter 18 inches, 50 cents per linear foot.	
	Placing cast-iron pipe culvert, diameter 16 inches, 80 cents per linear foot.	
	Relaying vitrified clay-pipe culvert, diameter 15 inches, 50 cents per linear foot.	
	Concrete-bound stones, in place, \$1 each.	
	Reinforced guard rail, in place, including reinforcing steel, \$1 per linear foot.	
	Wooden guard rail, in place, 30 cents per linear foot.	
	15 per cent to be added to force account for extra work.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Office of Public Roads and Rural Engineering—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Field experiments, 1917, \$60,000.	Field experiments, 1915, \$60,000; plus \$2,000 by transfer from road building and maintenance; total, \$62,000.	
	<p align="center">SECTION B—continued.</p> <p>The unit cost for maintenance work on the Rockville Pike, which cost \$1,388.92, is as follows: Foreman, \$4 per 8-hour day. Rollerman, \$4 per 8-hour day. Cobble-gutter paver, \$4.50 per 8-hour day. Unskilled laborers, \$1.75 per 8-hour day. Water boy, \$1.25 per 8-hour day. Two-horse team, including wagon, driver, plow, or harrow, \$5 per 8-hour day. Cart and horse, \$5 per 8-hour day. Limestone, \$2.50 per cubic yard. Trap rock, \$4.50 per cubic yard. Gravel and sand, \$2 per cubic yard. Gravel, $\frac{3}{4}$ to $\frac{1}{2}$ inch, \$3 per cubic yard. 12$\frac{1}{2}$ per cent to be added to force account for the hire of teams and unskilled labor. All other labor and material to be furnished at cost plus 12$\frac{1}{2}$ per cent commission, in accordance with the terms of the contract with Harper and Voigt Co.</p>	
Farm irrigation, 1917, \$103,400.	Irrigation investigations, 1915, \$106,400.	
Salaries..... \$65,220.00 As follows: In Washington— 1 chief, irrigation investigations, \$3,750. 1 irrigation economist, \$2,700. 1 irrigation engineer, \$2,160. 1 assistant in irrigation economics, \$1,600. Out of Washington— 1 irrigation manager, \$2,640. 1 irrigation manager, \$2,500. 1 irrigation engineer, \$2,400. 1 irrigation engineer, \$2,280. 4 irrigation engineers, at \$2,220 each. 1 irrigation engineer, \$2,100. 2 irrigation engineers, at \$2,000 each (one temporary). 2 irrigation engineers, at \$1,980 each. 1 irrigation engineer, \$1,800. 1 clerk, \$1,620 (temporary). 1 assistant irrigation engineer \$1,500. 2 agents, at \$1,500 each. 1 agent, \$1,440 (temporary). 1 agent, \$1,400 (temporary). 3 assistant irrigation engineers, at \$1,320 each (one temporary). 1 assistant irrigation engineer, \$1,200. 4 agents, at \$1,200 each (three temporary). 1 clerk, \$1,200 (temporary). 1 irrigation farmer, \$1,200. 1 agent, \$110 per month (temporary). 1 assistant irrigation engineer, \$90 per month (temporary). 4 cooperative agents, at \$85 per month each (three temporary). 3 collaborators, at \$25 per month each. 1 collaborator, \$15 per month. 2 collaborators, at \$10 per month each. 1 collaborator, \$6 per month. 2 collaborators, at \$5 per month each. 12 collaborators, at \$2 per month each. 1 collaborator, \$1.50 per month. 1 collaborator, 30 cents per hour, when actually employed. 1 irrigation assistant, 25 cents per hour, when actually employed. 1 irrigation engineer, \$6.75 per diem, when actually employed. 1 irrigation engineer, \$6.50 per diem, when actually employed. 2 irrigation engineers, at \$6 per diem each, when actually employed. 2 agents, at \$5 per diem each, when actually employed. 1 irrigation farmer, \$4.50 per diem, when actually employed. 1 irrigation assistant, \$3.50 per diem, when actually employed.	Salaries..... \$71,276.39 As follows: In Washington— 1 chief, irrigation investigations, \$3,750. 1 irrigation economist, \$2,700. 1 irrigation engineer, \$2,160. 1 bookkeeper, \$1,400. 1 messenger boy, \$480. 1 charwoman, \$240. Out of Washington— 1 irrigation manager, \$2,640. 1 irrigation manager, \$2,500. 2 irrigation engineers, at \$2,400 each. 1 irrigation engineer, \$2,280. 4 irrigation engineers, at \$2,220 each. 2 irrigation engineers, at \$2,000 each. 2 irrigation engineers, at \$1,980 each. 1 irrigation engineer, \$1,800. 1 irrigation engineer, \$6.50 per diem, when actually employed. 2 irrigation engineers, at \$6 per diem each, when actually employed. 1 irrigation engineer and collaborator, \$25 per month. 1 mechanician, \$1,680. 1 clerk, \$1,620. 1 clerk, \$1,200. 1 executive assistant, \$1,600. 1 irrigation farmer, \$1,500. 1 irrigation farmer, \$1,200. 1 assistant irrigation engineer, \$1,500. 3 assistant irrigation engineers, at \$1,320 each. 2 assistant irrigation engineers, at \$90 per month each. 2 agents, at \$1,500 each. 1 agent, \$1,440. 1 agent, \$1,400. 1 agent, \$110 per month. 6 agents, at \$100 per month each. 1 agent, \$6 per diem, when actually employed. 2 agents, at \$5 per diem each, when actually employed. 3 irrigation assistants, at \$75 per month each. 1 irrigation assistant, \$3.50 per diem, when actually employed. 1 collaborator, \$25 per month. 1 collaborator, \$15 per month. 2 collaborators, at \$10 per month each. 3 collaborators, at \$5 per month each. 34 collaborators, at \$2 per month each. 1 collaborator, \$1.50 per month. 1 collaborator, 30 cents per hour, when actually employed. 1 collaborator, 20 cents per hour, when actually employed.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Office of Public Roads and Rural Engineering—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Farm irrigation, 1917, \$103,400.		Irrigation investigations, 1915, \$106,400.	
Traveling expenses.....	\$19,500.00	Traveling expenses.....	\$13,828.31
Supplies and equipment.....	5,680.00	Supplies and equipment.....	4,240.68
Miscellaneous expenses.....	13,000.00	Miscellaneous expenses.....	11,917.39
Total estimate, 1917.....	103,400.00	Total expenditures, 1915.....	101,262.77
Total appropriation, 1916.....	106,400.00		
Decrease (by transfer of 1 mechanician at \$1,680, 1 messenger boy at \$180, and 1 charwoman at \$240 to statutory roll of this bureau, and 1 unskilled laborer at \$600 to the statutory roll of the Secretary's office).....			
	3,000.00		
Farm drainage, 1917, \$94,720.		Drainage investigations, 1915, \$96,280.	
Salaries.....	\$54,615.00	Salaries.....	\$56,998.95
As follows:		As follows:	
In Washington—		In Washington—	
1 chief, drainage investigations, \$3,500.		1 chief, drainage investigations, \$3,500.	
1 senior drainage engineer, \$2,280.		1 office engineer, \$2,280.	
1 expert on drainage organization, \$2,100.		1 drainage engineer, \$2,220.	
1 drainage engineer, \$2,100.		1 drainage engineer, \$1,980.	
		1 specialist, rural engineering, \$1,800.	
		1 clerk, \$1,200.	
		1 stenographer and typewriter, \$900.	
		1 painter, \$900.	
		4 carpenters, at \$4 per diem each, when actually employed.	
Out of Washington—		Out of Washington—	
1 drainage engineer, \$2,500.		1 supervising drainage engineer, \$2,400.	
1 senior drainage engineer, \$2,400.		1 drainage engineer, \$2,500.	
1 drainage engineer, \$2,220.		1 drainage engineer, \$2,160.	
1 senior drainage engineer, \$2,160.		1 drainage engineer, \$2,000.	
4 senior drainage engineers, at \$2,100 each (one temporary).		5 drainage engineers, at \$1,980 each.	
1 drainage engineer, \$2,000.		4 drainage engineers, at \$1,800 each.	
3 drainage engineers, at \$1,980 each.		2 drainage engineers, at \$1,620 each.	
5 drainage engineers, at \$1,800 each (temporary).		1 drainage engineer, \$10.50 per diem, when actually employed.	
1 drainage engineer for irrigated lands, \$1,800.		1 drainage engineer, \$7.50 per diem, when actually employed.	
3 drainage engineers, at \$1,620 each (temporary).		1 drainage engineer, \$6 per diem, when actually employed.	
2 assistant drainage engineers, at \$1,440 each.		1 drainage engineer for irrigated lands, \$1,800.	
1 assistant drainage engineer, \$1,200.		1 assistant drainage engineer, \$1,440.	
1 levelman, \$100 per month.		3 assistant drainage engineers, at \$1,200 each.	
1 assistant drainage engineer, \$960.		1 assistant drainage engineer, \$960.	
2 civil engineer students, at \$720 each.		2 civil engineer students, at \$720 each.	
1 drainage engineer, \$10.50 per diem, when actually employed.		1 collaborator, \$25 per month.	
1 drainage engineer, at \$7.50 per diem, when actually employed.		1 collaborator, \$1 per diem, when actually employed.	
1 collaborator, \$6 per diem, when actually employed.		1 collaborator, \$1 per hour, when actually employed.	
1 collaborator, \$25 per month.		1 collaborator, 75 cents per hour, when actually employed.	
1 collaborator, \$1 per diem, when actually employed.		1 collaborator, 60 cents per hour, when actually employed.	
1 collaborator, 75 cents per hour, when actually employed.		5 collaborators, at 50 cents per hour each, when actually employed.	
1 collaborator, 60 cents per hour, when actually employed.		1 collaborator, 40 cents per hour, when actually employed.	
4 collaborators, at 50 cents per hour each, when actually employed.		1 collaborator, 35 cents per hour, when actually employed.	
1 collaborator, 40 cents per hour, when actually employed.			
Traveling expenses.....	18,500.00	Traveling expenses.....	17,346.84
Supplies and equipment.....	3,605.00	Supplies and equipment.....	3,359.51
Miscellaneous expenses.....	18,000.00	Miscellaneous expenses.....	14,521.58
Total estimate, 1917.....	94,720.00	Total expenditures, 1915.....	92,226.88
Total appropriation, 1916.....	96,280.00		
Decrease (by transfer of 1 laborer at \$840 to statutory roll of this bureau, and 1 watchman at \$720, to statutory roll of Secretary's office).....			
	1,560.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Office of Public Roads and Rural Engineering—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Rural engineering, 1917, \$27,805.		Farm architecture, 1915, \$10,840.10.	
Salaries.....	\$23,200.00	Salaries.....	\$9,080.33
As follows:		As follows:	
In Washington—		In Washington—	
1 mechanical engineer, \$3,500.		1 architect, \$2,520.	
1 assistant mechanical engineer, \$1,800.		1 assistant architect, \$2,500.	
1 architect, \$2,700.		1 barn architect, \$1,800.	
1 assistant architect, \$2,000.		1 assistant in farm cost accounting, \$1,620.	
2 architects, at \$900 each.		1 draftsman, \$1,500.	
1 architectural draftsman, \$900.			
1 rural engineer, \$2,000.			
1 sanitary engineer, \$2,500.			
1 assistant agricultural engineer, \$1,200.			
2 student assistants, at \$300 each.			
1 architectural draftsman, \$1,800.			
Out of Washington—			
1 assistant mechanical engineer, \$2,000.			
1 assistant agricultural engineer, \$1,500.			
Traveling expenses.....	3,000.00	Traveling expenses.....	1,759.77
Supplies and equipment.....	1,105.00		
Miscellaneous expenses.....	500.00		
Total estimate, 1917.....	27,805.00	Total expenditures, 1915.....	10,840.10
Total appropriation, 1916.....	12,805.00		
Increase (but as 1 architectural draftsman at \$900 has been transferred from dairy industry and 1 architect at \$900 from statutory roll of Bureau of Animal Industry, there is an actual increase of only \$13,200).....	15,000.00		
Administrative expenses, 1917, \$12,600.		Administrative expenses, 1915, \$14,000; plus \$1,400 by transfer from road building and maintenance; total amount, \$15,400.	
Salaries.....	\$3,400.00	Salaries.....	\$1,736.14
As follows:		As follows:	
In Washington—		In Washington—	
1 assistant director, \$4,000 (part time).		1 assistant director, \$3,500 (part time).	
Temporary assistance, \$2,400 (estimated).		1 painter, \$75 per month.	
		1 clerk, \$1,400.	
		1 clerk, \$1,200.	
		1 unskilled laborer, \$1.50 per diem, when actually employed.	
Traveling expenses.....	700.00	Traveling expenses.....	706.82
Supplies and equipment.....	5,000.00	Supplies and equipment.....	5,061.97
Miscellaneous expenses.....	3,500.00	Miscellaneous expenses.....	3,491.85
Total estimate, 1917.....	12,600.00	Total expenditures, 1915.....	13,906.78
Total appropriation, 1916.....	12,600.00		
Total for Office of Public Roads and Rural Engineering (increase \$26,040)...		\$612,505.00	\$586,465.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<p style="text-align: center;">OFFICE OF MARKETS AND RURAL ORGANIZATION.</p> <p>NOTE.—The work of the Office of Markets and Rural Organization relating to the marketing and distribution of farm products is continuous with that concerning production which is carried on in other branches of the department. It can not be regarded as fully established until it has been developed to a proportionate degree. In addition, it includes the investigations regarding the organization of rural communities for the improvement of credit, communication, insurance, and other conditions. The increased appropriations hereinafter requested will be needed in order to provide for the growth of the work that is natural at its present stage and will be necessary if thoroughly effective results are to be secured.</p>		
<i>Salaries, Office of Markets and Rural Organization—</i>		
<p>(1) One chief of office (by transfer from lump fund for administrative expenses) (<i>act Mar. 4, 1915, vol. 38, p. 1111, sec. 1</i>)-----</p> <p>(2) One chief clerk (<i>same act</i>)-----</p> <p>(3) One administrative assistant (by transfer from lump fund for administrative expenses) (<i>same act</i>)-----</p> <p>(4) Five clerks, class 4 (increase of 1 by transfer from lump fund for enforcement of cotton-futures act) (<i>same act</i>)-----</p> <p>(5) Nine clerks, class 3 (increase of 4 submitted) (<i>same act</i>)-----</p> <p>(6) Fifteen clerks, class 2 (increase of 6, 2 by transfer from lump fund for enforcement of cotton-futures act, 1 by transfer from lump fund for administrative expenses, and 3 new places) (<i>same act</i>)-----</p> <p>(7) One clerk (by transfer from lump fund for marketing and distributing farm products) (<i>same act</i>)-----</p> <p>(8) One clerk (by transfer from lump fund for enforcement of cotton-futures act) (<i>same act</i>)-----</p> <p>(9) Twenty-one clerks, class 1 (increase of 11, 5 by transfer from lump fund for marketing and distributing farm products, 1 from lump fund for rural cooperation, 1 from lump fund for administrative expenses, 1 from lump fund for enforcement of cotton-futures act, and 3 new places) (<i>same act</i>)-----</p> <p>(10) One clerk (by transfer from lump fund for marketing and distributing farm products) (<i>same act</i>)-----</p> <p>(11) Ten clerks, at \$1,000 each (increase of 5, 1 by transfer from lump fund for marketing and distributing farm products, 1 from lump fund for cotton standards, 2 from lump fund for enforcement of cotton-futures act, and 1 new place) (<i>same act</i>)---</p> <p>(12) One clerk (by transfer from lump fund for marketing and distributing farm products) (<i>same act</i>)-----</p> <p>(13) Eleven clerks, at \$900 each (increase of 9, 3 by transfer from lump fund for marketing and distributing farm products, 2 from lump fund for cotton standards, 1 from lump fund for rural cooperation, 1 from lump fund for enforcement of cotton-futures act, and 2 new places) (<i>same act</i>)-----</p> <p>(14) One clerk (by transfer from lump fund for marketing and distributing farm products) (<i>same act</i>)-----</p>	<p>\$4,500.00</p> <p>2,000.00</p> <p>1,980.00</p> <p>9,000.00</p> <p>14,400.00</p> <p>21,000.00</p> <p>1,380.00</p> <p>1,320.00</p> <p>25,200.00</p> <p>1,140.00</p> <p>10,000.00</p> <p>1,080.00</p> <p>9,900.00</p> <p>840.00</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Office of Markets and Rural Organization—Continued.</i>		
(15) Two clerks, at \$720 each (1 by transfer from lump fund for marketing and distributing farm products, and 1 by transfer of 1 assistant multigraph operator, at \$720, from lump fund for rural cooperation with change of title) (<i>act Mar. 4, 1915, vol. 38, p. 1111, sec. 1</i>)	\$1, 440. 00	
(16) One mechanical assistant (by transfer from lump fund for administrative expenses) (<i>same act</i>)	1, 800. 00	
(17) One mechanical assistant (by transfer of 1 assistant in agricultural technology, at \$1,380, from lump fund for cotton testing, with change of title) (<i>same act</i>)	1, 380. 00	
(18) Three laboratory aids, at \$900 each (increase of 2 by transfer from lump funds for enforcement of cotton-futures act and cotton standards) (<i>same act</i>)	2, 700. 00	
(19) Four laboratory aids, at \$720 each (increase of 3, 1 by transfer from lump fund for cotton testing, and 2 from lump fund for enforcement of cotton-futures act) (<i>same act</i>)	2, 880. 00	
(20) Two laboratory aids, at \$600 each (<i>same act</i>)	1, 200. 00	
(21) One photographer (by transfer from lump fund for enforcement of cotton-futures act) (<i>same act</i>)	1, 400. 00	
(22) One photographer (by transfer from lump fund for administrative expenses) (<i>same act</i>)	1, 200. 00	
(23) One telegraph operator (<i>submitted</i>)	1, 400. 00	
(24) One telegraph operator (by transfer from lump fund for enforcement of cotton-futures act) (<i>act Mar. 4, 1915, vol. 38, p. 1111, sec. 1</i>)	1, 200. 00	
(25) One map tracer (by transfer from lump fund for cotton testing) (<i>same act</i>)	900. 00	
(26) One map tracer (<i>same act</i>)	720. 00	
(27) One map tracer (<i>same act</i>)	600. 00	
(28) One map tracer (by transfer from lump fund for enforcement of cotton-futures act) (<i>same act</i>)	480. 00	
(29) One laborer (by transfer from lump fund for administrative expenses) (<i>same act</i>)	720. 00	
(30) One laborer (by transfer from lump fund for enforcement of cotton-futures act) (<i>same act</i>)	660. 00	
【Two messenger boys, at \$600 each, changed to 2 messenger boys or laborers, at \$600 each, as below.】		
(31) Four messenger boys or laborers, at \$600 each (2 in lieu of 2 messenger boys, at \$600 each, omitted as above, 1 by transfer of 1 laborer at \$600 from lump fund for marketing and distributing farm products, and 1 by transfer of 1 laborer at \$600 from lump fund for enforcement of cotton-futures act, with change of title) (<i>same act</i>)	2, 400. 00	
【One laborer, \$540, changed to 1 messenger boy or laborer, \$540, as below.】		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Office of Markets and Rural Organization—Continued.</i>		
(32) Four messenger boys or laborers, at \$540 each (1 in lieu of 1 laborer at \$540 omitted as above, 1 by transfer of 1 messenger boy at \$540 from lump fund for marketing and distributing farm products, and 2 by transfer of 2 unskilled laborers from lump fund for enforcement of cotton-futures act, with change of title) (<i>act Mar. 4, 1915, vol. 38, p. 1111, sec. 1</i>) -----	\$2, 160. 00	
[Four messenger boys, at \$480 each, changed to 4 messenger boys or laborers, at \$480 each, as below.]		
(33) Eight messenger boys or laborers, at \$480 each (4 in lieu of 4 messenger boys at \$480 each omitted as above, 2 by transfer of 2 messenger boys at \$480 each from lump fund for marketing and distributing farm products, and 2 by transfer of 2 laborers at \$480 each from lump fund for enforcement of cotton-futures act, with change of title) (<i>same act</i>) -----	3, 840. 00	
(34) One messenger boy (by transfer from lump fund for marketing and distributing farm products) (<i>same act</i>) -----	420. 00	
(35) Two charwomen, at \$480 each (by transfer from lump funds for cotton testing and administrative expenses) (<i>same act</i>) -----	960. 00	
(36) One charwoman (by transfer from lump fund for cotton standards) (<i>same act</i>) -----	300. 00	
(37) Two charwomen, at \$240 each (by transfer from lump funds for marketing and distributing farm products and rural cooperation) (<i>same act</i>) -----	480. 00	
Appropriations for 1915..... (1) Estimates for 1916..... \$51, 129 Appropriations for 1916..... \$56, 400 Estimates for 1917..... 131, 980	\$134, 980. 00	\$56, 400. 00

¹ Salaries paid from lump fund appropriation for Office of Markets.

NOTE.—The new places requested on the statutory roll, namely, 4 clerks of class 3, 3 clerks of class 2, 3 clerks of class 1, 1 clerk at \$1,000 per annum, 2 clerks at \$900 per annum, and 1 telegraph operator at \$1,400 per annum, are required for the efficient prosecution of work already under way and will be needed during the coming fiscal year regardless of whether there is any increase in the lump sum appropriations. No request for new clerical positions contingent upon further development of investigational work has been made.

The positions to be filled are as follows: Head clerks for the sections of transportation and storage, of marketing business practice, of marketing by parcel post and express, and of city marketing; an auditor for the section of supplies and accounts; an additional stenographer for the general stenographic section; an executive clerk for the office of the chief; a clerk to take charge of the correspondence, reports, and records regarding the relationship between the Office of Markets and Rural Organization and the common carriers; and 1 additional clerk for each of the sections of cooperative purchasing and marketing, of addressing and duplicating, of marketing live stock, meats, and animal by-products, of marketing grain, seeds, and hay, and of marketing business practice.

The changes in designation of assistant multigraph operator to clerk, and of assistant in agricultural technology to mechanical assistant, are recommended in order to have the titles of these employees indicate more accurately the character of the work performed. The changes in designation from messenger boys and from laborers to messenger boys or laborers are to combine two somewhat similar classes of positions which should be filled in some cases by laborers and in some cases by messenger boys, depending upon the exact nature of duties.

The additional telegraph operator is needed to handle daily telegraph reports from spot cotton markets and telegraphic reports of commercial movements of crops.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Office of Markets and Rural Organization—Continued.</i>		
The apparent increase is \$78,580. The actual increase is \$18,400, as follows:		
<i>New places.</i>		
4 clerks, class 3.....	\$6,400	
3 clerks, class 2.....	4,200	
3 clerks, class 1.....	3,600	
1 clerk.....	1,000	
2 clerks, at \$900 each.....	1,800	
1 telegraph operator.....	1,400	
Actual increase.....	\$18,400	
<i>Transfers from lump funds of this office, which funds have been correspondingly reduced.</i>		
1 chief of office, from administrative expenses.....	\$4,500	
1 administrative assistant, from administrative expenses.....	1,980	
1 clerk, class 4, from cotton-futures act.....	1,800	
2 clerks, class 2, from cotton-futures act.....	2,800	
1 clerk, class 2, from administrative expenses.....	1,400	
1 clerk, from marketing and distributing farm products.....	1,380	
1 clerk, from cotton-futures act.....	1,320	
8 clerks, class 1, 5 from marketing and distributing farm products, 1 from rural cooperation, 1 from administrative expenses, and 1 from cotton-futures act.....	9,600	
1 clerk, from marketing and distributing farm products.....	1,140	
4 clerks, at \$1,000 each, 1 from marketing and distributing farm products, 1 from cotton standards, and 2 from cotton-futures act.....	4,000	
1 clerk, from marketing and distributing farm products.....	1,080	
7 clerks, at \$900 each, 3 from marketing and distributing farm products, 2 from cotton standards, 1 from rural cooperation, and 1 from cotton-futures act.....	6,300	
1 clerk, from marketing and distributing farm products.....	840	
2 clerks, at \$720 each, 1 from marketing and distributing farm products, and 1 from rural cooperation with change of title from assistant multigraph operator at \$720.....	1,440	
1 mechanical assistant, from administrative expenses.....	1,800	
1 mechanical assistant, from cotton testing.....	1,380	
2 laboratory aids, at \$900 each, from cotton-futures act and cotton standards.....	1,800	
1 laboratory aid, from cotton testing.....	720	
2 laboratory aids, at \$720 each, from cotton-futures act.....	1,440	
1 photographer, from cotton-futures act.....	1,400	
1 photographer, from administrative expenses.....	1,200	
1 telegraph operator, from cotton-futures act.....	1,200	
1 map tracer, from cotton testing.....	900	
1 map tracer, from cotton-futures act.....	480	
1 laborer, from administrative expenses.....	720	
1 laborer, from cotton-futures act.....	660	
2 messenger boys or laborers, at \$600 each, from marketing and distributing farm products and cotton-futures act, with change of title from laborers at \$600 each.....	1,200	
1 messenger boy or laborer, from marketing and distributing farm products, with change of title from messenger boy.....	540	
2 messenger boys or laborers, at \$540 each, from cotton-futures act.....	1,080	
2 messenger boys or laborers, at \$480 each, from marketing and distributing farm products, with change of title from messenger boys at \$480 each.....	960	
2 messenger boys or laborers, at \$480 each, from cotton-futures act, with change of title from laborers at \$480 each.....	960	
1 messenger boy, from marketing and distributing farm products.....	420	
2 charwomen, at \$480 each, from cotton testing and administrative expenses.....	960	
1 charwoman, from cotton standards.....	300	
2 charwomen, at \$240 each, from marketing and distributing farm products and rural cooperation.....	480	
	60,180	
Apparent increase.....	78,580	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.																																										
<i>Salaries, Office of Markets and Rural Organization—Continued.</i>																																												
<i>Change of title.</i>																																												
1 clerk at \$720, in lieu of 1 assistant multigraph operator at \$720. 1 mechanical assistant at \$1,380, in lieu of 1 assistant in agricultural technology at \$1,380. 4 messenger boys or laborers, at \$600 each, in lieu of 2 messenger boys at \$600 each, and 2 laborers at \$600 each. 4 messenger boys or laborers, at \$540 each, in lieu of 1 laborer, at \$540, 1 messenger boy at \$540, and 2 unskilled laborers at \$540 each. 8 messenger boys or laborers, at \$480 each, in lieu of 6 messenger boys at \$480 each, and 2 laborers at \$480 each.																																												
<i>General Expenses, Office of Markets and Rural Organization—</i>																																												
(38) For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and all other expenses necessary in conducting investigations, experiments, and demonstrations, as follows:																																												
(39) For acquiring and diffusing among the people of the United States useful information on subjects connected with the marketing and distributing of farm and nonmanufactured food products and the purchasing of farm supplies, independently and in cooperation with other branches of the department, State agencies, purchasing and consuming organizations, and persons engaged in the transportation, marketing, and distributing of farm and food products [\$238,000] (<i>act Mar. 4, 1915, vol. 38, pp. 1111, 1112, sec. 1</i>)		\$325, 831. 00																																										
NOTE.—There is an apparent increase in this item of \$87,831, but, taking into consideration the transfer to the statutory roll of 20 clerical and subclerical employees, involving \$17,620, the actual increase is \$105,451. This amount is to provide only for the more effective prosecution of projects already inaugurated but not yet developed to their proper scope. It is proposed to use these additional funds, if allowed, in enlarging the work of certain projects, as shown herewith:																																												
<table> <tr> <th>Project.</th><th>Increase.</th><th>Decrease.</th></tr> <tr> <td>Cotton handling and marketing.....</td><td>\$5, 440</td><td></td></tr> <tr> <td>Cooperative purchasing and marketing.....</td><td>18, 690</td><td></td></tr> <tr> <td>Market surveys, methods, and costs.....</td><td></td><td>\$10, 100</td></tr> <tr> <td>Market grades and standards.....</td><td>13, 120</td><td></td></tr> <tr> <td>City marketing and distribution.....</td><td>3, 771</td><td></td></tr> <tr> <td>Transportation and storage.....</td><td>6, 020</td><td></td></tr> <tr> <td>Miscellaneous problems in marketing and cooperation.....</td><td></td><td>15, 300</td></tr> <tr> <td>Marketing by parcel post and express.....</td><td>1, 380</td><td></td></tr> <tr> <td>Marketing live stock, meats, and animal by-products....</td><td>17, 245</td><td></td></tr> <tr> <td>Marketing business practice.....</td><td>21, 800</td><td></td></tr> <tr> <td>Grain, seeds, and hay marketing investigations.....</td><td>26, 390</td><td></td></tr> <tr> <td>Marketing dairy products.....</td><td>10, 395</td><td></td></tr> <tr> <td>Cotton warehousing investigations.....</td><td>6, 600</td><td></td></tr> </table>	Project.	Increase.	Decrease.	Cotton handling and marketing.....	\$5, 440		Cooperative purchasing and marketing.....	18, 690		Market surveys, methods, and costs.....		\$10, 100	Market grades and standards.....	13, 120		City marketing and distribution.....	3, 771		Transportation and storage.....	6, 020		Miscellaneous problems in marketing and cooperation.....		15, 300	Marketing by parcel post and express.....	1, 380		Marketing live stock, meats, and animal by-products....	17, 245		Marketing business practice.....	21, 800		Grain, seeds, and hay marketing investigations.....	26, 390		Marketing dairy products.....	10, 395		Cotton warehousing investigations.....	6, 600			
Project.	Increase.	Decrease.																																										
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Cotton warehousing investigations.....	6, 600																																											
Total.....	130, 851	25, 400																																										
Net increase	105, 451																																											

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Office of Markets and Rural Organization—Continued.</i>		
(40) <i>For collecting and distributing, by telegraph, mail, and otherwise, timely information on the supply, commercial movement, disposition, and market prices of fruits and vegetables (submitted).....</i>	\$136, 600. 00	
<p>NOTE.—This new item is submitted in accordance with plans outlined to the House Committee on Agriculture last year for the purpose of beginning a systematic service in the collection and distribution of market news by telegraph for perishable fruits and vegetables and by mail for other farm products. The practicability and value of such work has been demonstrated fully in connection with the news service on the strawberry, tomato, cantaloupe, and peach crops in the past season, and insistent demand has developed for the extension of the work to include other fruits and vegetables. It is believed that a separate appropriation for this purpose is warranted.</p> <p>Information obtained in the experimental work so far conducted has been valuable in establishing fair f. o. b. prices at shipping points; in so guiding consignors that gluts have been avoided; in enabling shippers to gauge the probable accuracy of returns received; by showing relative values of offerings from competitive areas, and by furnishing a fair basis for the adjustment of damage claims.</p>		
(41) <i>For the investigation and demonstration of standards for the different grades, qualities, and conditions of cotton, and for investigating the ginning, grading, stapling, baling, marking, compressing, and tare of cotton, [\$55,480] \$54,100: Provided, That of the sum thus appropriated [\$30,000] \$28,620 may be used for testing the waste, tensile strength, and bleaching qualities of the different grades and classes of cotton in order to determine their spinning value and for demonstrating the results of such tests (act Mar. 4, 1915, vol. 38, pp. 1111, 1112, sec. 1).....</i>	54, 100. 00	
<p>NOTE.—There is an apparent decrease in the above subappropriation of \$1,380, but, taking into consideration the transfer to the statutory roll of this office of 1 clerk at \$1,000, 2 clerks at \$900 each, 1 laboratory aid at \$900, 1 laboratory aid at \$720, 1 map tracer at \$900, 1 charwoman at \$480, 1 charwoman at \$300, and 1 mechanical assistant at \$1,380, involving \$7,480, the actual increase is \$6,100. This increase is required to provide for the natural growth of the work caused by the necessity for demonstrating cotton standards to cooperative warehouse associations and to the increasing number of organizations of cotton producers and for extending the investigations in standardization to length and strength of staple and other qualities that have not yet been standardized.</p>		
(42) <i>To enable the Secretary of Agriculture to make studies of cooperation among farmers in the United States in matters of rural credits and of other forms of cooperation in rural communities; to diffuse among the people of the United States useful information growing out of these studies, in order to provide a basis for a broader utilization of results secured by the research, experimental, and demonstration work of the Department of Agriculture, agricultural colleges, and State experiment stations [\$35,920] (same act).....</i>	39, 220. 00	
<p>NOTE.—There is an apparent increase in the above item of \$3,300, but, taking into consideration the transfer to the statutory roll of 1 clerk at \$1,200, 1 clerk at \$900, 1 assistant multigraph operator at \$720, and 1 charwoman at \$240, involving \$3,060, the actual increase is \$6,360. This small increase is asked in order to meet the natural growth of the work under existing projects.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Office of Markets and Rural Organization—Continued.</i>		
(43) For general administrative expenses in connection with the lines of investigation, experiment, and demonstration conducted in the Office of Markets and Rural Organization 【\$23,250】 (<i>act Mar. 4, 1915, vol. 38, pp. 1111, 1112, sec. 1</i>)-----	\$23,720.00	
<p>NOTE.—There is an apparent increase in the above item of \$470, but, taking into consideration the transfer to the statutory roll of 1 chief of office at \$4,500, 1 administrative assistant at \$1,980, 1 clerk at \$1,400, 1 clerk at \$1,200, 1 mechanical assistant at \$1,800, 1 photographer at \$1,200, 1 laborer at \$720, and 1 charwoman at \$480, involving \$13,280, the actual increase is \$13,750. This sum is made necessary by the growth of the investigational projects of the office and the consequent increase in administrative duties and clerical work, both of which to a considerable extent are centralized under the administrative project. This item also provides for the employment of an assistant chief of office, a position which has not yet been established.</p>		
In all, for general expenses -----	\$579,471.00	\$352,650.00
Appropriations for 1914..... \$50,000	Estimates for 1915..... \$194,140	
Appropriations for 1915..... 1240,000	Estimates for 1916..... 376,595	
Appropriations for 1916..... 352,650	Estimates for 1917..... 579,421	

¹ Includes investigation of rural cooperation, \$40,000.

Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.

Marketing and distributing farm products, 1917, \$325,831.	Marketing and distributing farm products, 1915, \$200,000.
Salaries..... \$153,045.00	Salaries..... \$123,851.47
As follows:	As follows:
In Washington—	In Washington—
1 specialist in marketing live stock and meats, \$3,000. 1 specialist in cooperative organization, \$3,000. 1 specialist in marketing agricultural seeds, \$3,000. 1 specialist in cooperative organization, \$2,760. 1 specialist in market surveys, \$2,760. 1 specialist in charge of transportation, \$2,760. 1 investigator in market business practice, \$2,520. 1 specialist in marketing dairy products, \$2,520. 1 assistant in marketing (sheep and wool), \$2,500. 1 market specialist (investigation of centralized markets), \$2,500. 1 assistant in cooperative marketing, \$2,500. 2 assistants in grain marketing, at \$2,400 each. 1 specialist in marketing cotton seed, \$2,400. 1 specialist in transportation, \$2,280. 1 assistant in cooperative purchasing, \$2,200. 1 assistant in hay marketing, \$2,200. 2 investigators in cotton marketing, at \$2,100 each. 1 assistant in market surveys, \$2,100. 1 investigator in city marketing, \$2,100. 1 investigator in marketing by parcel post, \$2,100. 1 investigator in market grades and standards, \$2,100. 1 assistant in marketing live stock and meats, \$2,000. 1 assistant in marketing agricultural seeds, \$2,000. 1 assistant in commission-house accounting, \$2,000. 1 assistant in transportation and storage, \$2,000. 2 assistants in market surveys, at \$1,800 each. 1 assistant in cooperative elevator accounting, \$1,800. 1 assistant in market business practice, \$1,800.	1 chief of office, \$4,000. 1 cotton technologist, \$3,000. 1 cotton technologist, \$2,760. 1 cotton technologist, \$2,280. 1 cotton technologist, \$2,000. 2 specialists, at \$3,000 each. 4 specialists, at \$2,760 each. 1 specialist, \$2,640. 1 specialist, \$2,520. 2 specialists, at \$2,500 each. 2 specialists, at \$2,400 each. 1 specialist, \$1,800. 1 investigator, \$2,280. 6 investigators, at \$2,100 each. 1 investigator, \$1,800. 2 assistants, at \$2,400 each. 2 assistants, at \$2,200 each. 1 assistant, \$2,100. 1 assistant, \$2,040. 2 assistants, at \$2,000 each. 1 assistant, \$1,980. 1 assistant, \$1,200. 13 assistants, at \$1,800 each. 4 assistants, at \$1,620 each. 1 assistant, \$1,500. 1 assistant, \$1,440. 6 assistants, at \$1,400 each. 1 assistant, \$1,200. 2 scientific assistants, at \$1,800 each. 7 scientific assistants, at \$1,620 each. 1 scientific assistant, \$1,500. 4 scientific assistants, at \$1,440 each. 4 scientific assistants, at \$1,400 each. 1 scientific assistant, \$1,200. 1 chief clerk, \$2,000. 1 clerk, \$1,800. 1 clerk, \$1,000. 1 clerk, \$1,000. 10 clerks, at \$1,000 each. 15 clerks, at \$1,200 each. 1 clerk, \$1,100. 2 clerks, at \$1,100 each. 1 clerk, \$1,080. 9 clerks, at \$1,000 each. 5 clerks, at \$800 each. 1 clerk, \$800. 1 clerk, \$720. 2 telegraph operators, at \$1,200 each. 1 telegraph operator, \$1,000. 1 assistant multigraph operator, \$720. 1 photographer, \$1,400. 1 photographer, \$1,200.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Office of Markets and Rural Organization—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Marketing and distributing farm products, 1917, \$325,831.	Marketing and distributing farm products, 1915, \$200,000.	
<p>In Washington—Continued.</p> <p>2 assistants in marketing live stock and meats, at \$1,800 each.</p> <p>1 assistant in market grades and standards, \$1,800.</p> <p>3 assistants in marketing dairy products, at \$1,800 each.</p> <p>2 assistants in warehouse investigations, at \$1,800 each.</p> <p>4 assistants in cotton marketing, at \$1,800 each.</p> <p>1 assistant in rural creamery accounting \$1,800.</p> <p>1 assistant in rural grain elevator accounting, \$1,800.</p> <p>1 assistant in commission house accounting, \$1,800.</p> <p>1 assistant in market surveys, \$1,620.</p> <p>1 assistant in marketing by parcel post, \$1,620.</p> <p>1 scientific assistant in farm economics, \$1,620.</p> <p>1 assistant in warehouse investigations, \$1,620.</p> <p>5 assistants in market grades and standards, at \$1,620 each.</p> <p>1 assistant in marketing dairy products, \$1,620.</p> <p>5 scientific assistants, at \$1,620 each.</p> <p>1 assistant in hay marketing, \$1,500.</p> <p>2 assistants in marketing by parcel post, at \$1,400 each.</p> <p>1 assistant in city marketing investigations, \$1,400.</p> <p>1 assistant in market surveys, \$1,200.</p> <p>Out of Washington—</p> <p>3 field assistants in cooperative marketing, at \$2,250 each.</p> <p>1 field assistant in cooperative purchasing, \$2,000.</p> <p>2 field agents in marketing business practice, at \$1,500 each.</p> <p>2 field assistants in grain marketing, at \$1,500 each.</p> <p>1 field assistant in marketing live stock and meats, \$1,500.</p> <p>1 agent, \$2,000 (9 months).</p> <p>2 field agents in marketing business practice, at \$1,200 each.</p> <p>1 field assistant in marketing investigations, \$2,250 (6 months).</p> <p>1 field agent, \$1,020.</p> <p>1 assistant in marketing vegetables and fruits, \$2,000 (6 months).</p> <p>Traveling expenses..... \$96,046.00</p> <p>Supplies and equipment..... 32,940.00</p> <p>Miscellaneous expenses..... 43,800.00</p> <p>Total estimate, 1917..... 325,831.00</p> <p>Total appropriation, 1916..... 238,000.00</p> <p>Increase..... 87,831.00</p>	<p>In Washington—Continued.</p> <p>1 stenographer and typewriter, \$1,200.</p> <p>2 stenographers and typewriters, at \$1,000 each.</p> <p>1 stenographer and typewriter, \$840.</p> <p>2 stenographers and typewriters, at \$100 per month each.</p> <p>2 typewriters, at \$720 each.</p> <p>2 typewriters, at \$85 per month each.</p> <p>1 laboratory aid, \$1,380.</p> <p>1 laboratory aid, \$900.</p> <p>1 laboratory aid, \$600.</p> <p>1 tinner, \$4 per diem.</p> <p>1 electrician, \$4 per diem.</p> <p>2 painters, at \$3.50 per diem each.</p> <p>1 watchman, \$720.</p> <p>2 watchmen, at \$60 per month each.</p> <p>2 charwomen, at \$480 each.</p> <p>1 charwoman, \$300.</p> <p>3 charwomen, at \$240 each.</p> <p>1 messenger boy, \$600.</p> <p>1 messenger boy, \$540.</p> <p>6 messenger boys, at \$480 each.</p> <p>1 messenger boy, \$420.</p> <p>2 messenger boys, at \$360 each.</p> <p>1 skilled laborer, \$720.</p> <p>1 skilled laborer, \$300.</p> <p>1 skilled laborer, \$60 per month.</p> <p>6 skilled laborers, at \$25 per month each.</p> <p>1 unskilled laborer, \$660.</p> <p>3 unskilled laborers, at \$480 each.</p> <p>1 unskilled laborer, \$60 per month.</p> <p>8 unskilled laborers, at \$2 per diem each, when actually employed.</p> <p>1 unskilled laborer, \$1.50 per diem, when actually employed.</p> <p>4 student assistants, at \$25 per month each.</p> <p>1 map tracer, \$180.</p> <p>1 copyist topographic draftsman, \$60 per month.</p> <p>Out of Washington—</p> <p>1 market specialist, \$150 per month.</p> <p>1 market assistant, \$1,800.</p> <p>1 market assistant, \$75 per month.</p> <p>1 market reporter, \$150 per month.</p> <p>1 market reporter, \$125 per month.</p> <p>1 market reporter, \$135 per month.</p> <p>1 market reporter, \$75 per month.</p> <p>1 market reporter, \$70 per month.</p> <p>1 market reporter, \$25 per month.</p> <p>2 scientific assistants, at \$1,620 each.</p> <p>1 scientific assistant, \$1,500.</p> <p>1 scientific assistant, \$1,440.</p> <p>1 scientific assistant, \$500.</p> <p>1 assistant, \$1,400.</p> <p>1 special field agent, \$1,400.</p> <p>1 field agent, \$1,320.</p> <p>1 field agent, \$660.</p> <p>1 field agent, \$85 per month.</p> <p>1 agent, \$1,000.</p> <p>1 agent, \$100 per month.</p> <p>1 agent, \$75 per month.</p> <p>1 agent, \$50 per month.</p> <p>1 agent, \$3 per diem, when actually employed.</p> <p>1 collaborator, \$300.</p> <p>16 collaborators, at \$1 per annum each.</p> <p>4 collaborating clerks, at \$25 per month each.</p> <p>1 collaborating clerk, 40 cents per hour, when actually employed.</p> <p>1 collaborating clerk, 30 cents per hour, when actually employed.</p> <p>36 cotton samplers, at \$3 per diem each, when actually employed.</p> <p>Traveling expenses..... \$34,130.87</p> <p>Supplies and equipment..... 32,456.24</p> <p>Miscellaneous expenses..... 1,801.37</p> <p>Total expenditures, 1915..... 194,239.95</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Office of Markets and Rural Organization—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Collecting and distributing market information, 1917, \$136,600.	No appropriation for 1915.	
Salaries..... \$43,740. 00 As follows: In Washington— 1 assistant in market surveys, \$2,400. 2 assistants in market surveys, at \$1,800 each. 5 assistants in market surveys, at \$1,620 each. 2 assistants in market surveys, at \$1,440 each. 3 assistants in market surveys, at \$1,400 each. 1 scientific assistant in marketing and distribution, \$1,620. 1 clerk, \$1,800. 1 supervising telegrapher, \$1,800. 3 telegraph operators, at \$1,000 each. Out of Washington— 1 assistant in market surveys, \$2,100. 2 assistants in market surveys, at \$1,800 each. 2 assistants in market surveys, at \$1,620 each. 3 assistants in market surveys, at \$1,400 each. 1 assistant in market surveys, \$1,200. Traveling expenses..... 30,000. 00 Supplies and equipment..... 12,860. 00 Miscellaneous expenses..... 50,000. 00 Total estimate, 1917..... 136,600. 00 NOTE.—No appropriation for 1916.	NOTE.—The investigational work upon which the estimate for the market news service is based was performed under the appropriation for "Marketing and distributing farm products," during the fiscal years 1915 and 1916.	
Investigations and demonstrations of cotton standards, 1917, \$25,480.	Cotton standardization, 1915, \$31,000.	
Salaries..... \$16,190. 00 As follows: In Washington— 1 investigator in cotton standardization methods, \$2,500. 1 assistant in cotton marketing, \$1,800. 1 assistant in cotton classing, \$1,800. 1 assistant in agricultural technology, \$1,500. 1 assistant in cotton classing, \$1,400. 1 assistant in agricultural technology, \$1,200. 2 cotton classers' helpers, at \$900 each. Out of Washington— 1 agent, \$3 per diem, when actually employed. Traveling expenses..... 5,090. 00 Supplies and equipment..... 1,700. 00 Miscellaneous expenses..... 2,500. 00 Total estimate, 1917..... 25,480. 00 Total appropriation, 1916..... 25,480. 00 NOTE.—No change in above amount, but as 1 clerk at \$1,000, 2 clerks at \$900 each, 1 laboratory aid at \$900, and 1 charwoman at \$300 have been transferred to statutory roll, there is an actual increase of \$4,000.	Salaries..... \$8,613. 51 As follows: In Washington— 1 agricultural technologist, \$4,000. 1 agricultural technologist, \$3,000. 1 plant morphologist, \$2,520. 1 cotton technologist, \$2,400. 1 cotton technologist, \$2,280. 1 cotton technologist, \$2,000. 1 assistant in agricultural technology, \$1,800. 1 assistant in cotton marketing, \$1,800. 2 assistants in agricultural technology, at \$1,500 each. 1 pathologist, \$1,500. 4 assistants in agricultural technology, at \$1,440 each. 1 scientific assistant, \$1,400. 1 draftsman, \$900. 3 clerks, at \$1,200 each. 2 laboratory aids, at \$900 each. 2 laboratory aids, at \$720 each. 1 skilled laborer, \$540. 11 skilled laborers, at \$25 per month each. 1 collaborator, \$25 per month. 1 specialist, \$10 per diem, when actually employed. Traveling expenses..... 281. 41 Supplies and equipment..... 20,471. 29 Miscellaneous expenses..... 887. 40 Total expenditures, 1915..... 30,253. 61 NOTE.—This appropriation was under the Bureau of Plant Industry in 1915.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Office of Markets and Rural Organization—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
<p>Cotton testing, 1917, \$28,620.</p> <p>Salaries..... \$11,780.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 cotton technologist, \$2,760.</p> <p>1 assistant in cotton testing, \$2,040.</p> <p>1 assistant in agricultural technology, \$1,500.</p> <p>2 assistants in agricultural technology, at \$1,440 each.</p> <p>1 assistant in cotton classing, \$1,400.</p> <p>1 assistant in agricultural technology, \$1,200.</p> <p>Traveling expenses..... 6,250.00</p> <p>Supplies and equipment..... 7,655.00</p> <p>Miscellaneous expenses..... 2,935.00</p> <p>Total estimate, 1917..... 28,620.00</p> <p>Total appropriation, 1916..... 30,000.00</p> <p>Decrease (but as 1 assistant in agricultural technology at \$1,380, 1 laboratory aid at \$720, 1 map tracer at \$900, and 1 charwoman at \$480 have been transferred to statutory roll, there is an actual increase of \$2,100)..... 1,380.00</p>	<p>Cotton testing, 1915, \$60,000.</p> <p>Salaries..... \$23,261.68</p> <p>As follows:</p> <p>In Washington—</p> <p>1 agricultural technologist, \$4,000.</p> <p>1 agricultural technologist, \$3,000.</p> <p>1 plant morphologist, \$2,520.</p> <p>1 cotton technologist, \$2,400.</p> <p>1 assistant in agricultural technology, \$1,800.</p> <p>2 assistants in agricultural technology, at \$1,500 each.</p> <p>1 pathologist, \$1,500.</p> <p>1 mechanical assistant, \$1,620.</p> <p>4 assistants in agricultural technology, at \$1,440 each.</p> <p>2 assistants in agricultural technology, at \$1,200 each.</p> <p>1 draftsman, \$900.</p> <p>3 clerks, at \$1,200 each.</p> <p>2 laboratory aids, at \$720 each.</p> <p>1 skilled laborer, \$540.</p> <p>11 skilled laborers, at \$25 per month each.</p> <p>1 clerk, \$1,000.</p> <p>Traveling expenses..... 304.36</p> <p>Supplies and equipment..... 26,863.54</p> <p>Miscellaneous expenses..... 529.37</p> <p>Total expenditures, 1915..... 50,958.95</p> <p>NOTE.—This appropriation was carried under Bureau of Plant Industry in 1915.</p>	
<p>Rural cooperation, 1917, \$39,220.</p> <p>Salaries..... \$20,020.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 specialist in rural organization work, \$3,500.</p> <p>1 investigator in rural credits, \$2,760.</p> <p>1 investigator in rural social organizations, \$2,400.</p> <p>1 investigator in agricultural insurance, \$2,100.</p> <p>1 investigator in women's rural organizations, \$2,000.</p> <p>1 scientific assistant, \$1,620.</p> <p>Out of Washington—</p> <p>1 field assistant in rural organization, \$1,800.</p> <p>2 field assistants in rural organization, at \$1,620 each.</p> <p>1 agent, \$600.</p> <p>Traveling expenses..... 9,650.00</p> <p>Supplies and equipment..... 5,850.00</p> <p>Miscellaneous expenses..... 3,700.00</p> <p>Total estimate, 1917..... 39,220.00</p> <p>Total appropriation, 1916..... 35,920.00</p> <p>Increase (but as 1 clerk, class 1; 1 clerk at \$900; 1 assistant multigraph operator at \$720, and 1 charwoman at \$240 have been transferred to statutory roll, the actual increase is \$6,360).... 3,300.00</p>	<p>Investigation of rural cooperation, 1915, \$40,000.</p> <p>Salaries..... \$16,336.88</p> <p>As follows:</p> <p>In Washington—</p> <p>1 adviser in agricultural economics, \$4,000.</p> <p>1 specialist, \$3,500.</p> <p>1 investigator, \$2,100.</p> <p>1 investigator, \$2,000.</p> <p>1 field assistant, \$1,620.</p> <p>1 officer in charge of supplies and accounts, \$1,600.</p> <p>1 clerk, \$1,440.</p> <p>2 clerks, at \$1,400 each.</p> <p>9 clerks, at \$1,200 each.</p> <p>1 clerk, \$1,140.</p> <p>1 clerk, \$1,080.</p> <p>1 clerk, \$1,000.</p> <p>3 clerks, at \$900 each.</p> <p>1 clerk, \$75 per month.</p> <p>1 clerk, \$840.</p> <p>1 stenographer and typewriter, \$900.</p> <p>1 assistant multigraph operator, \$720.</p> <p>1 messenger boy, \$480.</p> <p>Out of Washington—</p> <p>1 adviser in agricultural economics, \$2,000.</p> <p>1 field assistant, \$1,620.</p> <p>1 field assistant, \$1,500.</p> <p>1 agent, \$600.</p> <p>1 collaborator, \$25 per month.</p> <p>1 collaborating clerk, \$25 per month.</p> <p>1 clerk, \$3 per diem, when actually employed.</p> <p>7 collaborators, at \$1 per annum each.</p> <p>Traveling expenses..... 3,421.82</p> <p>Supplies and equipment..... 4,971.08</p> <p>Miscellaneous expenses..... 54.90</p> <p>Total expenditures, 1915..... 24,784.68</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.																								
General Expenses, Office of Markets and Rural Organization—Continued.																										
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>																										
<table><tr><th>Administrative expenses, 1917, \$23,720.</th><th>No appropriation for 1915.</th></tr><tr><td>Salaries..... \$5,300.00</td><td></td></tr><tr><td> As follows:</td><td></td></tr><tr><td> In Washington—</td><td></td></tr><tr><td> 1 assistant chief of office, \$3,500.</td><td></td></tr><tr><td> 1 scientific assistant, \$1,800.</td><td></td></tr><tr><td>Traveling expenses..... 5,150.00</td><td></td></tr><tr><td>Supplies and equipment..... 10,770.00</td><td></td></tr><tr><td>Miscellaneous expenses..... 2,500.00</td><td></td></tr><tr><td> Total estimate, 1917..... 23,720.00</td><td></td></tr><tr><td> Total appropriation, 1916..... 23,250.00</td><td></td></tr><tr><td> Increase (but as 1 chief of office at \$4,500; 1 administrative assistant at \$1,980; 1 clerk, class 2; 1 clerk, class 1; 1 mechanical assistant at \$1,800; 1 photographer at \$1,200; 1 laborer at \$720, and 1 charwoman at \$480 have been transferred to statutory roll, the actual increase is \$13,750)..... 470.00</td><td></td></tr></table>	Administrative expenses, 1917, \$23,720.	No appropriation for 1915.	Salaries..... \$5,300.00		As follows:		In Washington—		1 assistant chief of office, \$3,500.		1 scientific assistant, \$1,800.		Traveling expenses..... 5,150.00		Supplies and equipment..... 10,770.00		Miscellaneous expenses..... 2,500.00		Total estimate, 1917..... 23,720.00		Total appropriation, 1916..... 23,250.00		Increase (but as 1 chief of office at \$4,500; 1 administrative assistant at \$1,980; 1 clerk, class 2; 1 clerk, class 1; 1 mechanical assistant at \$1,800; 1 photographer at \$1,200; 1 laborer at \$720, and 1 charwoman at \$480 have been transferred to statutory roll, the actual increase is \$13,750)..... 470.00			
Administrative expenses, 1917, \$23,720.	No appropriation for 1915.																									
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Enforcement of the United States Cotton Futures Act—																										
(44) To enable the Secretary of Agriculture to carry into effect the provisions of the act approved Aug. 18, 1914 (Public, No. 174, 63d Cong.), entitled "An act to tax the privilege of dealing on exchanges, boards of trade, and similar places in contracts of sale of cotton for future delivery, and for other purposes," including all expenses necessary for the purchase of equipment and supplies; for travel; for the employment of persons in the city of Washington and elsewhere; and for all other expenses, including rent outside of the District of Columbia, that may be necessary in executing the provisions of this act, [\$75,000] \$120,750 (acts Aug. 18, 1914, vol. 38, p. 693, secs. 1-21; Mar. 4, 1915, vol. 38, p. 1112, sec. 1)	\$120,750.00	\$75,000.00																								
Appropriation for 1916..... \$75,000 Estimates for 1917..... \$120,750																										
<p>NOTE.—There is an apparent increase in the above appropriation of \$45,750, but, taking into consideration the transfer to the statutory roll of this office of 20 clerical and subclerical employees, involving \$18,740, and the transfer to the statutory roll of the Secretary's office of 2 clerical employees and 1 elevator conductor, involving \$4,250, the actual increase is \$68,740. This sum is needed in order to replace the diminishing balance of the continuing appropriation provided for in the cotton futures act of August 18, 1914.</p> <p>The amount available under this continuing appropriation for the coming year will be about \$15,000, or approximately \$70,000 less than the amount which is being expended from that appropriation for the current year, so that even with the increase requested in the above item the total amount available for the enforcement of the United States cotton futures act during the fiscal year 1917 will be approximately \$1,500 less than the sum available for the current year.</p>																										

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
Enforcement of the United States Cotton Futures Act—Continued.		
Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.		
Enforcement of the United States cotton-futures act, 1917, \$120,750.	No appropriation for 1915.	
Salaries..... \$49,280.00		
As follows:		
In Washington—		
1 cotton technologist, \$3,000.		
2 specialists in cotton classing, at \$3,000 each.		
1 inspector of cotton standards, \$3,000.		
1 specialist in cotton classing, \$2,640.		
1 specialist in cotton classing, \$2,500.		
1 specialist in cotton classing, \$2,400.		
1 assistant in cotton business methods, \$2,250.		
1 assistant in cotton classing, \$2,100.		
2 assistants in cotton business methods, at \$2,100 each.		
2 assistants in cotton business methods, at \$1,800 each.		
1 assistant in cotton marketing, \$1,800.		
2 assistants in cotton classing, at \$1,800 each.		
1 assistant in agricultural technology, \$1,440.		
6 assistants in cotton classing, at \$1,400 each.		
1 assistant in cotton marketing, \$1,400.		
Out of Washington—		
1 specialist in cotton classing, \$2,500.		
1 assistant in cotton classing, \$2,100.		
Traveling expenses..... 27,000.00		
Supplies and equipment..... 31,400.00		
Miscellaneous expenses..... 13,070.00		
Total estimate, 1917..... 120,750.00		
Total appropriation, 1916..... 75,000.00		
Increase (but as 1 clerk, class 4; 2 clerks, class 2; 1 clerk at \$1,320; 1 clerk, class 1; 2 clerks at \$1,000 each; 1 clerk at \$900; 1 laboratory aid at \$900; 2 laboratory aids at \$720 each; 1 photographer at \$1,400; 1 telegraph operator at \$1,200; 1 map tracer at \$480; 1 laborer at \$660; 1 laborer at \$600; 2 unskilled laborers at \$540 each, and 2 laborers at \$480 each have been transferred to statutory roll of this office, and 1 law clerk at \$2,750, 1 clerk at \$900, and 1 elevator conductor at \$600 to statutory roll of secretary's office, the actual increase is \$68,740)..... 45,750.00		
Total for Office of Markets and Rural Organization (increase \$351,151).....	\$835,201.00	\$484,050.00
ENFORCEMENT OF THE INSECTICIDE ACT.		
NOTE.—The appropriation for the enforcement of the insecticide act has been transferred from the "Miscellaneous" section of the agricultural bill to its present location in these estimates and redrafted to provide appropriations for statutory salaries and general expenses, the same as all other independent bureaus and offices of the department.		
Salaries, Enforcement of the Insecticide Act—		
(1) One executive officer (by transfer from lump fund for enforcement of the insecticide act) (<i>acts Apr. 26, 1910, vol. 36, pp. 331-335, secs. 1-14; Mar. 4, 1915, vol. 38, pp. 1112, 1113, sec. 1</i>).....	\$2,750.00	
(2) One executive assistant (by transfer of chief clerk at \$2,000 from lump fund for enforcement of the insecticide act, with change of title) (<i>same acts</i>).....	2,000.00	
(3) One clerk, class 3 (by transfer from lump fund for enforcement of the insecticide act) (<i>same acts</i>).....	1,600.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Enforcement of the Insecticide Act—Continued.</i>		
(4) One clerk, class 2 (by transfer from lump fund for enforcement of the insecticide act) (<i>acts Apr. 27, 1910, vol. 36, pp. 331-335, secs. 1-14; Mar. 4, 1915, vol. 38, pp. 1112, 1113, sec. 1.</i>)	\$1,400.00	
(5) One clerk, class 1 (by transfer from lump fund for enforcement of the insecticide act) (<i>same acts</i>)	1,200.00	
(6) Two clerks, at \$1,140 each (by transfer from lump fund for enforcement of the insecticide act) (<i>same acts</i>)	2,280.00	
(7) Two clerks, at \$1,000 each (by transfer from lump fund for enforcement of the insecticide act) (<i>same acts</i>)	2,000.00	
(8) Three insecticide and fungicide inspectors, at \$1,600 each (by transfer from lump fund for enforcement of the insecticide act) (<i>same acts</i>)	4,800.00	
(9) Two clerks and sample collectors, at \$1,000 each (by transfer from lump fund for enforcement of the insecticide act) (<i>same acts</i>)	2,000.00	
(10) One laboratory helper (by transfer from lump fund for enforcement of the insecticide act) (<i>same acts</i>)	840.00	
(11) One laboratory helper (by transfer from lump fund for enforcement of the insecticide act) (<i>same acts</i>)	720.00	
(12) One laboratory helper (by transfer from lump fund for enforcement of the insecticide act) (<i>same acts</i>)	600.00	
(13) One unskilled laborer (by transfer from lump fund for enforcement of the insecticide act) (<i>same acts</i>)	600.00	
(14) One unskilled laborer (by transfer from lump fund for enforcement of the insecticide act) (<i>same acts</i>)	480.00	
(15) One messenger boy (by transfer from lump fund for enforcement of the insecticide act) (<i>same acts</i>)	480.00	
(16) One messenger boy (by transfer from lump fund for enforcement of the insecticide act) (<i>same acts</i>)	360.00	
(17) One charwoman (by transfer from lump fund for enforcement of the insecticide act) (<i>same acts</i>)	480.00	
	\$24,590.00	-----
<div> Appropriations for 1916..... (1) Estimates for 1917..... \$24,590 </div>		
<div> <p>¹ Salaries paid from lump fund appropriation for enforcement of the insecticide act.</p> <p>NOTE.—Apparent increase, \$24,590. This is a new statutory roll created by the transfer of all clerical and subclerical employees from the lump fund for enforcement of the insecticide act, which fund has been correspondingly reduced.</p> </div>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.																								
<p><i>General Expenses, Enforcement of the Insecticide Act—</i></p> <p>(18) <i>For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and for all necessary expenses, as follows:</i></p> <p>【To enable】 <i>For enabling the Secretary of Agriculture to carry into effect the provisions of the act of Apr. 26, 1910, entitled “An act for preventing the manufacture, sale, or transportation of adulterated or misbranded Paris greens, lead arsenates, and other insecticides, and also fungicides, and for regulating traffic therein, and for other purposes,”</i> 【in the city of Washington and elsewhere, including chemical apparatus, chemicals, and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named】 【\$100,000】 (<i>acts Apr. 26, 1910, vol. 36, pp. 331–335, secs. 1–14; Mar. 4, 1915, vol. 38, pp. 1112, 1113, sec. 1</i>)</p> <table><tr><td>Appropriations for 1911.....</td><td>¹ \$35,000</td><td>Estimates for 1912.....</td><td>\$87,000</td></tr><tr><td>Appropriations for 1912.....</td><td>87,000</td><td>Estimates for 1913.....</td><td>100,000</td></tr><tr><td>Appropriations for 1913.....</td><td>87,000</td><td>Estimates for 1914.....</td><td>100,000</td></tr><tr><td>Appropriations for 1914.....</td><td>95,000</td><td>Estimates for 1915.....</td><td>95,000</td></tr><tr><td>Appropriations for 1915.....</td><td>95,000</td><td>Estimates for 1916.....</td><td>107,780</td></tr><tr><td>Appropriations for 1916.....</td><td>100,000</td><td>Estimates for 1917.....</td><td>85,670</td></tr></table>	Appropriations for 1911.....	¹ \$35,000	Estimates for 1912.....	\$87,000	Appropriations for 1912.....	87,000	Estimates for 1913.....	100,000	Appropriations for 1913.....	87,000	Estimates for 1914.....	100,000	Appropriations for 1914.....	95,000	Estimates for 1915.....	95,000	Appropriations for 1915.....	95,000	Estimates for 1916.....	107,780	Appropriations for 1916.....	100,000	Estimates for 1917.....	85,670	<p>\$85, 670. 00</p>	
Appropriations for 1911.....	¹ \$35,000	Estimates for 1912.....	\$87,000																							
Appropriations for 1912.....	87,000	Estimates for 1913.....	100,000																							
Appropriations for 1913.....	87,000	Estimates for 1914.....	100,000																							
Appropriations for 1914.....	95,000	Estimates for 1915.....	95,000																							
Appropriations for 1915.....	95,000	Estimates for 1916.....	107,780																							
Appropriations for 1916.....	100,000	Estimates for 1917.....	85,670																							

¹ Deficiency act of Mar. 4, 1911.

NOTE.—There is an apparent decrease in the above appropriation of \$14,330, but, taking into consideration the transfer of all clerical and subclerical employees to the new statutory roll recommended in these estimates, involving \$24,590, the actual increase is \$10,260. Last year the appropriation was increased only \$5,000, which was barely sufficient to provide a few additional inspectors. It was impossible to enlarge the laboratory force to take care of the extra samples collected by the new inspectors. The work is constantly growing, involving an increase in the number of samples collected and examined. In order to provide for this normal expansion and the probable increase in the number of violations and in the cost of trials, it will be necessary to have additional funds. It is desirable to give more attention to disinfectants and germicides, which have been neglected owing to the lack of scientific assistance.

The creation of a statutory roll makes it necessary to add new language and omit old language, but no additional authority is asked.

Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.

Enforcement of the insecticide act, 1917, \$85,670.	Enforcement of the insecticide act, 1915, \$95,000.
<p>Salaries..... \$55,900.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 chairman, insecticide and fungicide board, \$3,800.</p> <p>1 chief of laboratory, \$2,000.</p> <p>1 plant pathologist, \$2,640.</p> <p>1 assistant chief of laboratory, \$2,280.</p> <p>1 bacteriologist, \$2,000.</p> <p>3 assistant chemists, at \$1,800 each.</p> <p>2 laboratory inspectors, at \$1,800 each.</p> <p>1 assistant chemist, \$1,620.</p> <p>1 micro-analyst, \$1,560.</p> <p>3 assistant chemists, at \$1,560 each.</p> <p>7 assistant chemists, at \$1,440 each.</p> <p>1 junior chemist, \$1,440.</p> <p>1 scientific assistant, \$1,440.</p> <p>1 zoological expert, \$250 (temporary).</p> <p>1 bacteriologist, \$1,400.</p> <p>1 stenographer and typewriter, \$75 per month (6 months).</p> <p>1 special assistant in toxicological investigations, \$600.</p> <p>1 collaborator, \$25 per month.</p>	<p>Salaries..... \$64,328.21</p> <p>As follows:</p> <p>In Washington—</p> <p>1 chairman, insecticide and fungicide board, \$3,800.</p> <p>1 chief of laboratory, \$2,760.</p> <p>1 executive officer, \$2,750.</p> <p>1 plant pathologist, \$2,640.</p> <p>1 chief clerk, \$2,000.</p> <p>3 assistant chemists, at \$1,800 each.</p> <p>2 laboratory inspectors, at \$1,800 each.</p> <p>2 assistant chemists, at \$1,620 each.</p> <p>1 financial clerk, \$1,600.</p> <p>3 assistant chemists, at \$1,560 each.</p> <p>1 micro-analyst, \$1,560.</p> <p>3 assistant chemists, at \$1,440 each.</p> <p>1 assistant chemist, \$1,440 (6½ months).</p> <p>1 scientific assistant, \$1,440.</p> <p>1 property clerk, \$1,400 (4 months).</p> <p>1 junior laboratory inspector, \$1,400 (4½ months).</p> <p>1 bacteriologist, \$1,400 (½ month).</p> <p>1 stenographer and typewriter, \$1,200.</p> <p>2 stenographers and typewriters, at \$1,140 each.</p> <p>1 stenographer and typewriter \$1,000 (8 months).</p> <p>1 stenographer and typewriter, \$1,000.</p>

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
General Expenses, Enforcement of the Insecticide Act—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Enforcement of the insecticide act, 1917, \$85,670.	Enforcement of the insecticide act, 1915, \$95,000.		
<p>Out of Washington—</p> <p>1 entomological assistant, \$2,250.</p> <p>1 entomological assistant, \$1,600.</p> <p>1 scientific assistant, \$1,740.</p> <p>1 scientific assistant in plant pathology, \$1,620.</p> <p>1 scientific assistant, \$1,200.</p> <p>1 nurseryman, \$720.</p> <p>Traveling expenses.....¹ \$11,770.00</p> <p>Supplies and equipment..... 9,700.00</p> <p>Miscellaneous expenses..... 18,300.00</p> <p>Total estimate, 1917..... 85,670.00</p> <p>Total appropriation, 1916..... 100,000.00</p> <p>Decrease (but as 22 clerical and subclerical places, aggregating \$24,590, have been transferred to the statutory roll, the actual increase is \$10,260)..... 14,330.00</p> <p>Includes \$11,000 reserved for the trial of cases in court.</p>	<p>In Washington—Continued.</p> <p>1 clerk and sample collector, \$1,000 ($\frac{1}{2}$ month).</p> <p>1 stenographer and typewriter and sample collector, \$1,000 ($\frac{1}{4}$ month).</p> <p>3 stenographers and typewriters, at \$900 each (temporary).</p> <p>1 laboratory helper, \$840.</p> <p>1 chemist's aid, \$720.</p> <p>1 laboratory helper, \$600.</p> <p>1 unskilled laborer, \$560.</p> <p>1 messenger boy, \$480.</p> <p>1 charwoman, \$480.</p> <p>1 messenger boy, \$480 ($\frac{1}{2}$ month).</p> <p>1 messenger boy, \$260.</p> <p>1 collaborator, \$25 per month.</p> <p>Out of Washington—</p> <p>1 entomological assistant, \$2,250.</p> <p>1 scientific assistant, \$1,740.</p> <p>3 inspectors and sample collectors, at \$1,600 each.</p> <p>1 scientific assistant, \$1,200.</p> <p>1 scientific assistant, \$1,000 (2$\frac{1}{2}$ months).</p> <p>1 stenographer and typewriter, \$900.</p> <p>1 nurseryman, \$720 (10$\frac{1}{2}$ months).</p> <p>1 unskilled laborer, \$480 (3 months).</p> <p>1 unskilled laborer, \$480 (8 months).</p> <p>1 assistant in spraying experiments, \$75 per month (3 months).</p> <p>Traveling expenses..... \$8,764.90</p> <p>Supplies and equipment..... 8,218.63</p> <p>Miscellaneous expenses..... 3,592.85</p> <p>Total expenditures, 1915..... 84,904.59</p>		
Total for Enforcement of the Insecticide Act (increase \$10,260)		\$110,260.00	
FEDERAL HORTICULTURAL BOARD.			
NOTE.—The appropriation for the Federal Horticultural Board has been transferred from the "Miscellaneous" section of the agricultural bill to its present location in these estimates and redrafted to provide appropriations for statutory salaries and general expenses, the same as all other independent bureaus and offices of the department.			
Salaries, Federal Horticultural Board—			
(1) One secretary of board (by transfer from lump fund for enforcement of the plant quarantine act) (<i>act Mar. 4, 1915, vol. 38, p. 1113, sec. 1</i>)		\$2,280.00	
(2) Two clerks, at \$1,440 each (by transfer from lump fund for enforcement of the plant quarantine act) (<i>same act</i>)		2,880.00	
(3) Two clerks, class 2 (by transfer from lump fund for enforcement of the plant quarantine act) (<i>same act</i>)		2,800.00	
(4) Two clerks, at \$1,260 each (by transfer from lump fund for enforcement of the plant quarantine act) (<i>same act</i>)		2,520.00	
(5) One clerk (by transfer from lump fund for enforcement of the plant quarantine act) (<i>same act</i>)		1,080.00	
(6) One clerk (by transfer from lump fund for enforcement of the plant quarantine act) (<i>same act</i>)		1,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Salaries, Federal Horticultural Board—Continued.</i>		
(7) One messenger boy (by transfer from lump fund for enforcement of the plant quarantine act) (<i>act Mar. 4, 1915, vol. 38, p. 1113, sec. 1</i>)	\$480. 00	
(8) One messenger boy (by transfer from lump fund for enforcement of the plant quarantine act) (<i>same act</i>)	360. 00	
(9) One charwoman (by transfer from lump fund for enforcement of the plant quarantine act) (<i>same act</i>)	240. 00	
	<hr/> \$13, 640. 00	<hr/>
Appropriations for 1916..... (1) Estimates for 1917.....	\$13, 640	
¹ Salaries paid from lump-fund appropriation for Federal Horticultural Board.		
NOTE.—Apparent increase, \$13,640. This is a new statutory roll created by the transfer of all clerical and subclerical employees from the lump fund for enforcement of the plant-quarantine act, which fund has been correspondingly reduced.		
<i>General Expenses, Federal Horticultural Board—</i>		
(10) <i>For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and for all other necessary expenses, as follows:</i>		
(11) ENFORCEMENT OF THE PLANT-QUARANTINE ACT: To enable For enabling the Secretary of Agriculture to carry into effect the provisions of the act of Aug. 20, 1912, as amended Mar. 4, 1913, entitled "An act to regulate the importation of nursery stock and other plants and plant products; to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests; to permit and regulate the movement of fruits, plants, and vegetables therefrom, and for other purposes," in the city of Washington and elsewhere, including official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, including rent outside of the District of Columbia \$50,000 (<i>acts Mar. 4, 1913, vol. 37, pp. 853, 854, sec. 1; Mar. 4, 1915, vol. 38, p. 1113, sec. 1</i>)	<hr/> 61, 360. 00	<hr/>
Appropriations for 1914..... \$40,000 Estimates for 1914..... \$50,000 Appropriations for 1915..... 50,000 Estimates for 1915..... 50,000 Appropriations for 1916..... 50,000 Estimates for 1916..... 50,000 Appropriations for 1917..... 61,360 Estimates for 1917..... 61,360		
NOTE.—There is an apparent increase in the above appropriation of \$11,360, but, taking into consideration the transfer of all clerical and subclerical employees to the new statutory roll recommended in these estimates, involving \$13,640, the actual increase is \$25,000. Of this sum, \$15,000 is needed to meet the added cost resulting from bringing under regulation the entry from foreign countries, and the interstate movement within the United States, of all foreign lint cotton, in an effort to exclude the pink boll worm, one of the most serious cotton pests known. This will involve the control of an annual importation of some 200,000 bales, necessitating the detailed supervision of cotton handled by many importers and several hundred mills. About \$10,000 of this \$15,000 will be used for salaries of five new inspectors and about \$5,000 for their travel and other expenses. The remaining \$10,000 is to provide for the inspection and regulation of importations of foreign potatoes, in order to prevent the entrance of potato diseases and insect pests. Of this amount, about \$5,000 will be used for salaries of four additional inspectors, \$2,000 for their travel and other expenses, and the balance will be held to meet unforeseen emergencies in connection with threatening potato pests.		
The domestic potato quarantine has been lifted; hence the special appropriation for that purpose included under miscellaneous items in the agricultural act for the current year no longer will be needed and recommendation has been made that it be omitted.		
The creation of a statutory roll makes it necessary to add new language and		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>General Expenses, Federal Horticultural Board—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>			
Enforcement of the plant quarantine act, 1917, \$61,360.	Enforcement of the plant quarantine act, 1915, \$50,000.		
Salaries..... \$29,580.00	Salaries..... \$28,451.27		
As follows:	As follows:		
In Washington—	In Washington—		
1 pathological inspector, \$2,520.	1 pathological inspector, \$2,760 (½ month).		
1 chief inspector, \$2,400.	1 chief inspector, \$2,400.		
1 pathological inspector, \$2,400.	1 pathological inspector, \$2,400.		
1 entomological inspector, \$1,600.	1 secretary of board, \$2,280.		
1 scientific assistant in entomology, \$1,600.	1 pathological inspector, \$2,250 (3½ months).		
1 assistant pathological inspector, \$1,200.	1 assistant mycologist, \$1,800 (6 months).		
1 stenographer and typewriter, \$900 (6 months).	1 scientific assistant, \$1,800 (1½ months).		
	1 entomological assistant, \$1,500 (6 months).		
	1 scientific assistant in entomology, \$1,500 (2 months).		
	1 assistant secretary of board, \$1,200 (5 months), and \$1,440 (7 months).		
	1 permit clerk, \$1,440.		
	1 auditor and accountant, \$1,400.		
	1 clerk, \$1,400.		
	1 entomological inspector, \$1,400 (5 months).		
	1 scientific assistant, \$1,400 (1 month).		
	1 assistant permit clerk, \$1,260.		
	1 record clerk, \$1,260.		
	1 assistant pathological inspector, \$1,200 (3½ months).		
	1 clerk in charge of State inspector's reports, \$1,080.		
	1 stenographer, \$1,000 (1½ months).		
	1 stenographer and typewriter, \$900 (2½ months).		
	1 messenger boy, \$180.		
	1 messenger boy, \$260 (1 month).		
	2 painters, at \$3.50 per diem each (8 days).		
	2 unskilled laborers, at \$2 per diem each (12 days).		
	2 unskilled laborers, at \$2 per diem each (3 days).		
Out of Washington—	Out of Washington—		
2 quarantine inspectors, at \$2,400 each.	1 pathological inspector, \$2,000.		
1 pathological inspector, \$2,000.	1 pathological inspector, \$1,800 (1 month).		
1 field inspector for scale insects of date palms, \$1,200.	1 scientific assistant, \$1,800 (2 months).		
5 quarantine inspectors, at \$1,200 each.	1 entomological assistant, \$1,600 (1½ months).		
2 collaborators, at \$300 each.	1 assistant pathological inspector, \$1,200 (½ month).		
1 collaborator, \$240.	1 field inspector for scale insects of date palms, \$1,200.		
1 collaborator, \$180.	3 collaborators, at \$300 each.		
5 collaborators, at \$120 each.	1 collaborator, \$240.		
26 collaborators, at \$60 each.	1 collaborator, \$180.		
15 collaborators, at \$12 each.	4 collaborators, at \$120 each.		
14 collaborators, at \$1 per annum each.	27 collaborators, at \$60 each.		
	20 collaborators, at \$12 each.		
	18 collaborators, at \$1 per annum each.		
	1 pathological inspector, \$8 per diem (1½ days).		
Traveling expenses..... 18,000.00	Traveling expenses..... 7,274.23		
Supplies and equipment..... 5,000.00	Supplies and equipment..... 4,540.01		
Miscellaneous expenses..... 8,780.00	Miscellaneous expenses..... 1,026.63		
Total estimate, 1917..... 61,360.00	Total expenditures, 1915..... 41,292.14		
Total appropriation, 1916..... 50,000.00			
Increase (but as the salaries of the clerical and subclerical force in Washington, amounting to \$13,640, have been transferred to the new statutory roll submitted for this board, there is an actual increase of \$25,000)..... 11,360.00			
Total for Federal Horticultural Board (increase \$25,000).....		\$75,000.00	
And not to exceed 10 per centum of the foregoing amounts for the miscellaneous expenses of the work of any bureau, division, or office herein provided for shall be available interchangeably for expenditures on the objects included within the general expenses of such bureau, division, or office, but no more than 10 per centum shall be added to any one item of appropriation except in cases of extraordinary emergency, and then only upon the written order of the Secretary of Agriculture.			
Total, Department of Agriculture, for routine and ordinary work.....		21,316,589.00	\$19,936,582.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
MISCELLANEOUS.		
<p>【<i>Enforcement of the Insecticide Act</i>】</p> <p>【To enable the Secretary of Agriculture to carry into effect the provisions of the act of Apr. 26, 1910, entitled "An act for preventing the manufacture, sale, or transportation of adulterated or misbranded Paris greens, lead arsenates, and other insecticides, and also fungicides, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals, and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, \$100,000】-----</p>		\$100,000. 00
<p>NOTE.—This provision has been transferred to another part of the estimates, following the Office of Markets and Rural Organization.</p>		
<p>【<i>Enforcement of the Plant-Quarantine Act</i>】</p> <p>【To enable the Secretary of Agriculture to carry into effect the provisions of the act of Aug. 20, 1912, as amended Mar. 4, 1913, entitled "An act to regulate the importation of nursery stock and other plants and plant products; to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests; to permit and regulate the movement of fruits, plants, and vegetables therefrom, and for other purposes," in the city of Washington and elsewhere, including official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, including rent outside of the District of Columbia, \$50,000】-----</p>		50,000. 00
<p>NOTE.—This provision has been transferred to another part of the estimates, following the Enforcement of the Insecticide Act.</p>		
<p>【That hereafter when any State shall provide for terminal inspection of plants and plant products, and shall establish and maintain, at the sole expense of the State, such inspection at one or more places therein, the proper officials of said State may submit to the Secretary of Agriculture a list of plants and plant products and the plant pests transmitted thereby, that in the opinion of said officials should be subject to terminal inspection in order to prevent the introduction or dissemination in said State of pests injurious to agriculture. Upon his approval of said list, in whole or in part, the Secretary of Agriculture shall transmit the same to the Postmaster General, and thereafter all packages containing any plants or plant products named in said approved lists, shall, upon payment of postage therefor, be forwarded by the postmaster at the destination of said package to the proper State official at the nearest place where inspection is maintained. If the plant or plant products are found upon inspection to be free from injurious pests, or if infected shall be disinfected by said official, they shall upon payment of postage therefor be returned to the postmaster at the place of inspection to be forwarded to the person to whom they are addressed; but if found to be infected with injurious pests and incapable of satisfactory disinfection the State inspector shall so notify the postmaster at the place of inspection, who shall promptly notify the sender of said plants or plant products that they will be returned to him upon his request and at his expense, or in default of such request that they will be turned over to the State authorities for destruction.】</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<p>【On and after the passage and approval of this act it shall be unlawful for any person, firm, or corporation to deposit in the United States mails any package containing any plant or plant product addressed to any place within a State maintaining inspection thereof, as herein defined, without plainly marking the package so that its contents may be readily ascertained by an inspection of the outside thereof. Whoever shall fail to so mark said packages shall be punished by a fine of not more than \$100.</p> <p>The Postmaster General is hereby authorized and directed to make all needful rules and regulations for carrying out the purposes hereof.】</p> <p>NOTE.—The above paragraph is omitted as it is continuing legislation.</p> <p>【To enable the Secretary of Agriculture to carry out an agreement heretofore made by and between him and the State of Washington, through its proper officers, looking to the exchange of lands and indemnity rights with said State, \$50,000, or so much thereof as may be necessary, to be available until expended when the State shall have made available a like amount to be used for carrying out the aforesaid agreement: <i>Provided</i>, That such exchanges shall be made on the basis of approximately equal area and value】-----</p>		\$50, 000. 00
<p>NOTE.—The above paragraph is omitted as the money is available until expended and there appears to be no present need for additional funds.</p> <p>【<i>Domestic Potato Quarantine</i>】</p> <p>【To enable the Secretary of Agriculture to cooperate with those States in the inspection of Irish potatoes, where a quarantine has been or hereafter shall be established by the Secretary of Agriculture, prohibiting the movement of such potatoes from any State into any other State, District, or Territory of the United States except under such rules and regulations as he may prescribe, and for the enforcement of such rules and regulations, and for the employment of persons and means necessary in the city of Washington and elsewhere, including rent outside of the District of Columbia, \$100,000, \$25,000 of said sum to be immediately available】-----</p> <p>NOTE.—The above paragraph is omitted, as the domestic potato quarantine has now been lifted, and the sum of \$100,000 heretofore appropriated will no longer be needed for this purpose.</p>		100, 000. 00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.						
<p><i>Demonstrations on Reclamation Projects—</i></p> <p>(1) To enable the Secretary of Agriculture to encourage and aid in the agricultural development of the Government reclamation projects; to assist, through demonstrations, advice, and in other ways, settlers on the projects; and for the employment of persons and means necessary in the city of Washington and elsewhere (<i>act Mar. 4, 1915, vol. 38, p. 1114, sec. 1</i>) -----</p> <p>Appropriations for 1915..... \$10,000 Estimates for 1916..... \$50,000 Appropriations for 1916..... 40,000 Estimates for 1917..... 40,000</p> <p><i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i></p> <table><tr><th>Demonstrations on reclamation projects, 1917, \$40,000.</th><th>Demonstrations on reclamation projects, 1915, \$40,000.</th></tr><tr><td>Salaries..... \$23,880.00 As follows: In Washington— 1 agriculturist in charge, \$3,500. 1 agriculturist, \$2,500. Out of Washington— 6 agriculturists, at \$2,040 each. 3 agriculturists, at \$1,800 each.</td><td>Salaries..... \$14,152.34 As follows: In Washington— 1 agronomist in charge, \$3,500. 1 stenographer and typewriter, \$80 per month (1½ months). Out of Washington— 1 agriculturist, \$2,040 (9½ months). 1 agriculturist, \$2,040 (7½ months). 1 agriculturist, \$2,040 (3½ months). 2 agriculturists, at \$1,800 each (4 months). 1 agriculturist, \$1,800 (3½ months). 1 assistant agriculturist, \$2,000 (6 months). 1 assistant, \$1,800. 1 farm superintendent, \$2,000 (5½ months). 1 farm superintendent, \$1,800 (3 months). 1 scientific assistant, \$1,620 (6 months). 1 stenographer and typewriter, \$900 (11½ days). 6 collaborating clerks, at 25 cents per hour each, when actually employed.</td></tr><tr><td>Traveling expenses..... 7,300.00 Supplies and equipment..... 4,020.00 Miscellaneous expenses..... 4,800.00 Total estimate, 1917..... 40,000.00 Total appropriation, 1916..... 40,000.00</td><td>Traveling expenses..... 5,503.47 Supplies and equipment..... 3,351.85 Miscellaneous expenses..... 3,921.90 Total expenditures, 1915..... 26,929.56</td></tr></table>	Demonstrations on reclamation projects, 1917, \$40,000.	Demonstrations on reclamation projects, 1915, \$40,000.	Salaries..... \$23,880.00 As follows: In Washington— 1 agriculturist in charge, \$3,500. 1 agriculturist, \$2,500. Out of Washington— 6 agriculturists, at \$2,040 each. 3 agriculturists, at \$1,800 each.	Salaries..... \$14,152.34 As follows: In Washington— 1 agronomist in charge, \$3,500. 1 stenographer and typewriter, \$80 per month (1½ months). Out of Washington— 1 agriculturist, \$2,040 (9½ months). 1 agriculturist, \$2,040 (7½ months). 1 agriculturist, \$2,040 (3½ months). 2 agriculturists, at \$1,800 each (4 months). 1 agriculturist, \$1,800 (3½ months). 1 assistant agriculturist, \$2,000 (6 months). 1 assistant, \$1,800. 1 farm superintendent, \$2,000 (5½ months). 1 farm superintendent, \$1,800 (3 months). 1 scientific assistant, \$1,620 (6 months). 1 stenographer and typewriter, \$900 (11½ days). 6 collaborating clerks, at 25 cents per hour each, when actually employed.	Traveling expenses..... 7,300.00 Supplies and equipment..... 4,020.00 Miscellaneous expenses..... 4,800.00 Total estimate, 1917..... 40,000.00 Total appropriation, 1916..... 40,000.00	Traveling expenses..... 5,503.47 Supplies and equipment..... 3,351.85 Miscellaneous expenses..... 3,921.90 Total expenditures, 1915..... 26,929.56	\$40,000.00	\$40,000.00
Demonstrations on reclamation projects, 1917, \$40,000.	Demonstrations on reclamation projects, 1915, \$40,000.							
Salaries..... \$23,880.00 As follows: In Washington— 1 agriculturist in charge, \$3,500. 1 agriculturist, \$2,500. Out of Washington— 6 agriculturists, at \$2,040 each. 3 agriculturists, at \$1,800 each.	Salaries..... \$14,152.34 As follows: In Washington— 1 agronomist in charge, \$3,500. 1 stenographer and typewriter, \$80 per month (1½ months). Out of Washington— 1 agriculturist, \$2,040 (9½ months). 1 agriculturist, \$2,040 (7½ months). 1 agriculturist, \$2,040 (3½ months). 2 agriculturists, at \$1,800 each (4 months). 1 agriculturist, \$1,800 (3½ months). 1 assistant agriculturist, \$2,000 (6 months). 1 assistant, \$1,800. 1 farm superintendent, \$2,000 (5½ months). 1 farm superintendent, \$1,800 (3 months). 1 scientific assistant, \$1,620 (6 months). 1 stenographer and typewriter, \$900 (11½ days). 6 collaborating clerks, at 25 cents per hour each, when actually employed.							
Traveling expenses..... 7,300.00 Supplies and equipment..... 4,020.00 Miscellaneous expenses..... 4,800.00 Total estimate, 1917..... 40,000.00 Total appropriation, 1916..... 40,000.00	Traveling expenses..... 5,503.47 Supplies and equipment..... 3,351.85 Miscellaneous expenses..... 3,921.90 Total expenditures, 1915..... 26,929.56							
<p>[<i>International Dry-Farming Congress, Denver, Colorado</i>]</p> <p>[To enable the Secretary of Agriculture to cooperate with and make an exhibit at the next annual meeting of the International Dry-Farming Congress, to be held at Denver, Colo., during the fiscal year ending June 30, 1916, illustrative of the investigations, products, and processes relating to farming in the subhumid, arid, and semiarid regions of the United States, including labor and all expenses in the city of Washington and elsewhere, \$20,000] -----</p> <p>[That the President is hereby authorized to extend invitations to other nations to appoint delegates or representatives to the International Dry-Farming Congress, to be held at Denver, Colo., Sept. 27 to Oct. 8, inclusive, 1915: <i>Provided</i>, That no appropriation shall be granted or used for the expenses of delegates]</p> <p>NOTE.—The above paragraphs are omitted as the objects have been accomplished.</p>		20,000.00						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Cooperative Fire Protection of Forested Watersheds of Navigable Streams—</i>		
(2) For cooperation with any State or group of States in the protection from fire of the forested watersheds of navigable streams under the provisions of sec. 2 of the act of Mar. 1, 1911, entitled "An act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers" (<i>act Mar. 4, 1915, vol. 38, p. 1114, sec. 1</i>)	\$100,000.00	\$100,000.00
Appropriations for 1915..... \$100,000 Estimates for 1916..... \$100,000 Appropriations for 1916..... 100,000 Estimates for 1917..... 100,000		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>		
Cooperative fire protection of forested watersheds of navigable streams, 1917, \$100,000.	Cooperative fire protection of forested watersheds of navigable streams, 1915, \$151,104.91.	
Salaries..... \$98,450.00 As follows: In Washington— 1 chief, State cooperation, \$2,600 (6 months). 1 forest examiner, \$2,200 (6 months). Out of Washington— 1 forest examiner, \$5 per diem (60 days). 2 inspectors, at \$150 per month each (1½ months). 320 patrolmen, at \$75 per month each (4 months). Traveling expenses..... 1,550.00 Total estimate, 1917..... 100,000.00 Total appropriation, 1916..... 100,000.00	Salaries..... \$3,146.86 As follows: Out of Washington— 1 forest assistant, \$5 per diem (20 days). 11 forest guards, at \$900 each (2 months). 4 forest guards, at \$2.50 per diem each (69 days). 15 collaborators, at \$12 each. 9 collaborators, at \$12 each (2½ months). Traveling expenses..... 1,132.80 Supplies and equipment..... 2.00 Miscellaneous expenses..... 65,411.06 Total expenditures, 1915..... 69,692.72	
<i>Experiments and Demonstrations in Live-Stock Production in the Cane-Sugar and Cotton Districts of the United States—</i>		
(3) To enable the Secretary of Agriculture, in cooperation with the authorities of the States concerned, or with individuals, to make such investigations and demonstrations as may be necessary in connection with the development of live-stock production in the cane-sugar and cotton districts of the United States, including the erection of barns and other necessary buildings, and the employment of persons and means in the city of Washington and elsewhere, \$60,000; [and of the funds heretofore appropriated for the development of live-stock production in the cane-sugar and cotton districts of the United States during the fiscal year 1915, not to exceed \$7,500 is hereby made available for the erection of barns and other necessary buildings] (<i>act Mar. 4, 1915, vol. 38, p. 1114, sec. 1</i>)	60,000.00	60,000.00
Appropriations for 1915..... \$60,000 Estimates for 1916..... \$60,000 Appropriations for 1916..... 60,000 Estimates for 1917..... 60,000		
NOTE.—There is no change in the amount of this appropriation. Certain language relative to the erection of buildings is omitted, as the necessary buildings will be constructed during the fiscal year 1916.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Experiments and Demonstrations in Live-Stock Production in the Cane-Sugar and Cotton Districts of the United States—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>		
Experiments and demonstrations in live-stock production in the cane-sugar and cotton districts of the United States, 1917, \$60,000.		
Salaries..... \$28,820.00		
As follows:		
Out of Washington—		
1 live-stock specialist, \$3,000.		
1 live-stock specialist, \$2,500.		
1 forage-crop agent, \$2,400.		
1 live-stock agent, \$2,000.		
1 agent in poultry husbandry, \$1,800.		
1 live-stock agent, \$1,800.		
1 agent in dairying, \$1,800.		
1 live-stock agent, \$1,620.		
1 agent in dairying, \$1,500.		
1 live-stock agent, \$1,200.		
1 clerk, \$1,200.		
3 unskilled laborers, at \$75 per month each.		
50 (approximately) unskilled laborers, at 30 cents to \$2.25 per diem, when actually employed.		
5 carpenters, at \$1.50 to \$2.25 per diem, when actually employed.		
Traveling expenses..... 7,000.00		
Supplies and equipment..... 5,000.00		
Miscellaneous expenses..... 11,180.00		
Construction work ¹ 8,000.00		
Total estimate, 1917..... 60,000.00		
Total appropriation, 1916..... 60,000.00		
¹ The unit cost for the construction work to be done at New Iberia, La., is estimated as follows:		
Breeding-cattle barn..... \$1,500		
Colt shed..... 1,000		
Dairy-cattle barn..... 2,000		
Feed barn (dairy)..... 1,200		
Bull barn..... 1,000		
Milk house..... 300		
2 negro cabins..... 1,000		
8,000		
Experiments and demonstrations in live-stock production in the cane-sugar and cotton districts of the United States, 1915, \$60,000.		
Salaries..... \$17,839.14		
As follows:		
Out of Washington—		
1 live-stock specialist, \$3,000 (10 months).		
1 live-stock specialist, \$2,500 (10 months).		
1 forage-crop agent, \$2,400 (6 months).		
1 live-stock agent, \$2,000 (7 months).		
1 agent in poultry husbandry, \$1,800 (7½ months).		
1 live-stock agent, \$1,800 (7 months).		
1 agent in dairying, \$1,500 (9 months).		
1 live-stock agent, \$1,440 (8 months).		
1 live-stock agent, \$1,080 (7½ months).		
1 clerk, \$1,200 (7½ months).		
1 clerk, \$75 per month (1½ months).		
1 unskilled laborer, \$75 per month (8½ months).		
8 carpenters, at \$1.50 to \$2.25 per diem, when actually employed.		
1 skilled laborer, \$4 per diem.		
85 unskilled laborers, 30 cents to \$2.25 per diem (4 to 150 days).		
Traveling expenses..... 6,767.98		
Supplies and equipment..... 15,063.46		
Miscellaneous expenses..... 12,929.42		
Construction work ¹ 6,950.00		
Total expenditures, 1915..... 59,550.00		
¹ The unit cost of this construction work, which was done at New Iberia, La., is as follows:		
Horse barn..... \$2,000		
Machinery and tool sheds..... 900		
Beef-cattle barn..... 1,500		
Well house..... 250		
Hog house and cots..... 200		
Herdsmen's cottage..... 2,100		
6,950		

Hereafter the Secretary of Agriculture is authorized to sell in the open market or to exchange for other live stock such animals or animal products as cease to be needed in the work of the department, and all moneys received from the sale of such animals or animal products or as a bonus in the exchange of the same shall be deposited in the Treasury of the United States as miscellaneous receipts.]

NOTE.—The above provision is omitted as it is continuing legislation.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Naval Stores Investigations—</i>		
(4) For investigating the grading, weighing, and handling of naval stores, and preparation of definite type samples thereof, including the employment of necessary persons and means in the city of Washington and elsewhere (<i>act Mar. 4, 1915, vol. 38, p. 1115, sec. 1</i>)	\$5,000.00	\$5,000.00
<div> <div>Appropriations for 1915..... \$5,000</div> <div>Appropriations for 1916..... 5,000</div> </div> <div> <div>Estimates for 1916..... \$5,000</div> <div>Estimates for 1917..... 5,000</div> </div>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>		
Naval stores investigations, 1917, \$5,000.	Naval stores investigations, 1915, \$5,000.	
<div>Salaries..... \$2,500.00</div> <div>As follows:</div> <div>Out of Washington—</div> <div>1 assistant chemist, \$1,620.</div> <div>1 scientific assistant, \$2,000.</div> <div>1 junior chemist, \$1,200.</div> <div>Traveling expenses..... 1,000.00</div> <div>Supplies and equipment..... 1,300.00</div> <div>Miscellaneous expenses..... 200.00</div> <div>Total estimate, 1917..... 5,000.00</div> <div>Total appropriation, 1916..... 5,000.00</div>	<div>Salaries..... \$1,038.33</div> <div>As follows:</div> <div>Out of Washington—</div> <div>1 assistant chemist, \$1,620.</div> <div>1 scientific assistant, \$2,000.</div> <div>1 junior chemist, \$1,200.</div> <div>Traveling expenses..... 1,309.38</div> <div>Supplies and equipment..... 1,356.44</div> <div>Miscellaneous expenses..... 193.77</div> <div>Total expenditures, 1915..... 3,897.92</div>	
(5) That not to exceed ["\$55,000"] \$70,000 of the lump-sum appropriations herein made for the Department of Agriculture shall be available for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles and motor boats necessary in the conduct of the field work of the Department of Agriculture outside the District of Columbia: <i>Provided</i> , That not to exceed ["\$5,000"] \$10,000 of this amount shall be expended for the purchase of such vehicles and boats, and that such vehicles and boats shall be used only for official service outside the District of Columbia, but this shall not prevent the continued use for official service of motor trucks in the District of Columbia: <i>Provided further</i> , That the Secretary of Agriculture shall, on the first day of each regular session of Congress, make a report to Congress showing the amount expended under the provisions of this paragraph during the preceding fiscal year.		
<p>NOTE.—The amount in the above paragraph has been changed from \$55,000 to \$70,000 to cover the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles and motor boats necessary in the conduct of the field work of the Department of Agriculture, and the amount in the proviso covering the purchase of such vehicles and boats has been changed from \$5,000 to \$10,000.</p>		
<p>An increase is necessary in the amount specified for the maintenance, repair, and operation of passenger-carrying vehicles during the next fiscal year for the following reasons: (1) The vehicles owned by the Government are deteriorating and will require more money for repairs and maintenance, (2) the vehicles to be purchased during the fiscal year 1917 will have to be maintained and kept in repair, and (3) a small reserve fund is necessary to meet the additional demands which will be made on the department from time to time and which can not be anticipated at present.</p>		
<p>An increase is also necessary in the amount specified for the purchase of passenger-carrying vehicles, in view of a decision recently rendered by the Comptroller of the Treasury to the effect that, when a vehicle or boat has been rented by the Government for a month or year or for any definite or indefinite period of time and is continuously operated and controlled by Government agencies, as distinguished from hiring for a single trip, it is for the time being and for the purposes of the acts of July 16, 1914 (38 Stat., 454), and Mar. 4, 1915 (38 Stat., 1115), a Government vehicle as much so as if it had been purchased and owned by the Government, and the expense of its repair, maintenance, and operation is subject to the above provisions of these statutes in the same manner and to the same extent as like expenses of Government-owned vehicles. He also held that the term "purchase" as used in this connection covers the initial expense of obtaining the vehicle or boat, whether by acquiring a right of property in it or a right to temporary possession and control of it, and that</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<p>the hiring of such vehicles by the year, month, or continuously by the day is equivalent to their purchase. In submitting this matter to the Agricultural Committee last year, the hire of such vehicles by the month or year or continuously by the trip was regarded as an expense of operation of such vehicles, and the appropriations were made by Congress on the basis of this interpretation. It was doubtless the intention of Congress that the reservation of not to exceed \$5,000 should cover only the outright purchase of vehicles and that the expense of necessary continuous hiring should be covered by the reservation for repairs, maintenance, and operation. A small reserve fund is also necessary for the hire of additional vehicles the need of which can not be anticipated at present.</p> <p>The following statement shows how it is proposed to expend the appropriation, with the exception of a small amount to be held in reserve for emergency purposes:</p>		

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles and motor boats for the Department of Agriculture for the fiscal year ending June 30, 1917, as required by section 5 of the act of July 16, 1914 (38 Stat., p. 508).

MAINTENANCE, REPAIR, AND OPERATION.

[Other than the maintenance, repair, and operation of vehicles to be purchased during the fiscal year ending June 30, 1917, which are estimated for below.]

Bureau, division, or office.	Horse-drawn or motor-propelled.	Appropriation.	Number.	Description.	Amount.	Public purpose for which intended.	Officials and employees by whom used.
Office of Farm Management.	Motor-propelled.	Farm management....	1	Motorcycle....	\$150	Carrying investigator from farm to farm to make investigations as to cost of producing hay, etc.	H. B. McClure.
Weather Bureau....	do.....	General expenses, Weather Bureau.	1	Launch.....	70	For use in boarding ships and as a life boat in emergencies.	Employees on duty at Sand Key, Fla.
Do.....	do.....	do.....	1	Motorcycle....	30	For use in inspecting and repairing seacoast telegraph line.	Repairman at Cape Henry, Va.
Bureau of Animal Industry.	do.....	Inspection and quarantine.	1	Automobile....	625	For use of veterinarian in inspecting animals on Indian reservations.	Veterinary inspector detailed from Bismarck, (N. Dak.) station.
Do.....	do.....	Eradicating cattle ticks.	1	do.....	600	For use of veterinarian inspecting cattle along the Virginia shore between the quarantined and free areas not reached by railroads.	Veterinarian detailed from Norfolk (Va.) station.
Do.....	do.....	do.....	1	do.....	600	For use of veterinarian in supervising the dipping of cattle in Jefferson County, Ala.	Veterinarian detailed from Birmingham (Ala.) station.
Do.....	do.....	Military horse breeding.	1	do.....	600	For use in inspecting horse-breeding stations which can not be reached by railroad.	H. H. Reese, animal husbandman in charge of work at Front Royal, Va.
Do.....	do.....	Eradicating hog cholera.	19	Automobiles..	12,730	For transporting veterinarians from farm to farm investigating outbreaks of hog cholera and demonstrating methods for its control and eradication.	Veterinary inspectors at Ames, Adel, and Spencer, Iowa; Bainbridge, Ga.; Crawfordville and Danville, Ind.; Coldwater, Mich.; Columbia, Tenn.; Henderson, Ky.; Lima, Ohio; Merysville, Kans.; Twin Falls, Idaho; Beatrice, Nebr.; Olivia, Minn. (two machines); Mitchell, S. Dak. (two machines); Muskogee, Okla.; and Sedalia, Mo.
Do.....	do.....	Poultry feeding and breeding.	1	Motorcycle....	100	For use of animal husbandman in inspecting experimental ostrich farms in Arizona. Travel can not be advantageously performed by any other means except by automobile, which is more expensive.	Animal husbandman stationed at Glendale, Ariz.
Do.....	Horse-drawn....	Military horse breeding.	1	Omnibus.....	35	For use of superintendent in inspecting Government farm; to travel between Beltsville and farm for supplies, mail, and to meet trains.	Superintendent and farm employees, Beltsville, Md.
Do.....	do.....	do.....	1	Buggy.....	15	Used as a means of transportation between Government farm (Morgan horse farm) and Middlebury, Vt., to obtain supplies, meet trains, carry mail, etc.	Superintendent and farm employees, Middlebury, Vt.
Do.....	do.....	do.....	1	do.....	10	For use of superintendent in inspecting horse-breeding stations which can not be reached by railroad.	Dr. R. G. Lawton, animal husbandman in charge, Lexington, Ky.
Do.....	do.....	Dairy industry.....	1	do.....	25	For use of superintendent in inspecting Government farm; to travel between Beltsville and farm for supplies and as a means of transportation to various farms to inspect and purchase forage.	Superintendent of experiment farm, Beltsville, Md.
Do.....	do.....	Diseases of animals....	1	do.....	25	Used as a means of transportation between Government experiment farm and the District of Columbia line; also as a means of obtaining small supplies needed at the station from time to time.	Superintendent and assistant superintendent of station and veterinarians and bacteriologists of laboratories, Bethesda, Md.
Do.....	do.....	do.....	1	do.....	20	For use of farm superintendent in inspecting Government farm and for use in traveling from Government farm to Vienna, Va., for supplies and to meet railroad trains when necessary.	Superintendent of farm, Vienna, Va.
Do.....	do.....	Military horse breeding.	1	do.....	20	For use of superintendent in inspecting horse-breeding stations which can not be reached by railroad.	H. H. Reese, animal husbandman in charge, Front Royal, Va.

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles and motor boats for the Department of Agriculture for the fiscal year ending June 30, 1917, as required by section 5 of the act of July 16, 1914 (38 Stat., p. 508)—Continued.

MAINTENANCE, REPAIR, AND OPERATION—Continued.

Bureau, division, or office.	Horse-drawn or motor-propelled.	Appropriation.	Number.	Description.	Amount.	Public purpose for which intended.	Officials and employees by whom used.
Bureau of Animal Industry.	Horse-drawn...	Military horse breeding.	1	Two-seated brake.	\$15	For use of superintendent in inspecting Government farm; to travel between Beltsville and farm for supplies, mail, and to meet trains.	Superintendent and farm employees, Beltsville, Md.
Do.....	.....do.....	.....do.....	1	Two-seated sleigh.	15	Used as a means of transportation between Government farm (Morgan horse farm) and Middlebury, Vt., to obtain supplies, meet trains, carry mail, etc.	Superintendent and farm employees, Middlebury, Vt.
Do.....	.....do.....	.....do.....	1	Single sleigh.	10	.....do.....	Do.
Do.....	.....do.....	.....do.....	1	Buggy.	20	For use of superintendent in inspecting Government farm; to travel between Beltsville and farm for supplies, mail, and to meet trains.	Superintendent and farm employees, Beltsville, Md.
Do.....	.....do.....	.....do.....	1	.....do.....	10	Used as a means of transportation between Government farm (Morgan horse farm) and Middlebury, Vt., to obtain supplies, meet trains, carry mail, etc.	Superintendent and farm employees, Middlebury, Vt.
Do.....	.....do.....	.....do.....	1	Surrey.	15	.....do.....	Do.
Do.....	.....do.....	.....do.....	1	Buggy.	15	For use of superintendent in inspecting horse-breeding stations which can not be reached by railroad.	Dr. R. G. Lawton, animal husbandman in charge, Lexington Ky.
Bureau of Plant Industry.	Motor-propelled.	Demonstrations on reclamation projects.	4	Automobiles.	1,330	For transportation of agriculturists from farm to farm conducting demonstration work with farmers.	Agriculturists in charge of demonstrations on the Truckee-Carson, North Platte, Huntley, and Boise reclamation projects.
Do.....	.....do.....	Crop physiology.....	1	Automobile...	200	Used in connection with supervision of co-operative experiments in testing the possibilities of date culture in California and Arizona. Railroad facilities are inadequate.	Bruce Drummond, foreman of Government date garden, Indio, Cal.
Do.....	.....do.....	.....do.....	1	.....do.....	500	For use in supervising tests of Egyptian cotton in the Salt and Gila River Valleys of Arizona.	E. W. Hudson, foreman of Cooperative Testing Station, Sacaton, Ariz.
Do.....	.....do.....	.....do.....	1	Motorcycle....	25	Used in making inspection trips to the Egyptian cotton experiments in the Salt River Valley.	E. W. Hudson and assistants, Sacaton, Ariz.
Do.....	.....do.....	Western irrigation agriculture.	1	.....do.....	50	Used in inspecting various parts of the projects and in making trips between the station and town for the purchase of supplies.	Farm superintendent, San Antonio Experiment Farm.
Do.....	.....do.....	Fruit diseases.....	1	.....do.....	50	Used in inspecting vineyards and small fruit plantations near Vineland, N. J.	R. B. Wilcox, Vineland, N. J.
Do.....	.....do.....	Forest pathology.....	2	Motorcycles...	35	Used for the transportation of employees into more or less remote sections of the country, for the investigation of forest tree diseases, principally in the national forests.	Jas. R. Weir, Ernest E. Hubert, or such other employees as may prove necessary in connection with such work.
Do.....	.....do.....	Forage crop investigations.	1	Motorcycle....	100	To be used on trips from Chico, Cal., into the deserts in connection with investigations of cactus varieties.	Dr. David Griffiths.
Do.....	.....do.....	Cotton and truck disease investigations.	1	Automobile ¹ ..	135	Used for the transportation of employees and freight between the department laboratory and the town of Greeley, Colo.	Dr. H. A. Edson, Venus W. Pool, Laura I. Haney, M. B. McKay, H. G. MacMillan, and A. G. O'Brien.
Do.....	.....do.....	Purchase and distribution of valuable seeds.	1	Motorcycle....	60	Used at the United States bulb garden, situated about 3 miles from Bellingham, Wash., in making frequent trips to Bellingham and other near-by points in connection with the purchase of supplies, handling of station fiscal matters, and posting and receiving official mail.	Various employees at the United States bulb garden.
Do.....	Horse-drawn...	Dry-land agriculture..	5	Buggies.....	75	Used in transporting employees and supplies between stations and towns.	Superintendents and assistant superintendents at Alton, Colo.; Lawton, Okla.; Mandan, N. Dak.; Scottsbluff, Nebr.; and Woodward, Okla., field stations.
Do.....	.....do.....	.....do.....	1	Surrey.....	15	Used in transporting employees and supplies between station and town.	Superintendent and other employees at Mandan, N. Dak., field station.
Do.....	.....do.....	Western irrigation agriculture.	10	Buggies.....	455	Used by farm superintendents and assistants in inspecting various parts of the projects and in making trips between the stations and towns for the purchase of supplies. These stations are located at distances varying from 1 to 7 miles from the nearest railroad point, and conveyances are absolutely essential.	Superintendents and assistant superintendents of field stations at San Antonio, Yuma, Belle Fourche, Truckee-Carson, Huntley, and Umatilla.
Do.....	.....do.....	Arlington Farm.....	2	Runabouts....	200	Used on the Arlington Farm to superintend the various field operations and to economize time in getting from one part of the farm to another.	E. C. Butterfield and assistants.
Do.....	.....do.....	.....do.....	1	Top buggy....	25	Used on the Arlington Farm to superintend the various field operations during inclement weather.	Do.
Do.....	.....do.....	Cereal investigations..	1	Buggy, light (surrey).	200	Used in connection with the inspection of rice plantations in the vicinity of the station.	Superintendent of Crowley, La., rice experiment station and assistants.
Do.....	.....do.....	Foreign seed and plant introduction.	1	1-horse buggy.	25	Used for travel from the plant-introduction field station near Rockville, Md., to Rockville and Garrett Park to arrange for the securing of supplies and equipment for the station.	J. M. Rankin, plant introduction field station near Rockville, Md.
Do.....	.....do.....	.....do.....	1	2-seated, 1-horse surrey.	25	Used for travel from the plant-introduction field station to the town of Chico to arrange for the securing of supplies and equipment for the station.	R. L. Beagles, plant introduction field station, Chico, Cal.
Forest Service.....	Motor-propelled.	General expenses, Forest Service.	17	Motorcycles...	1,227	Forest-fire protection on the Cabinet, Pend. Oreille, DeClerge, Missoula, Harney, Black Hills, Gila, Nevada, Weiser, Sequoia, Fremont, Cascade, Minam, White Mountains, Kootenai, and Lolo National Forests.	Forest rangers or fire patrolmen.

¹ Not owned by the Department of Agriculture.

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles and motor boats for the Department of Agriculture for the fiscal year ending June 30, 1917, as required by section 5 of the act of July 16, 1914 (38 Stat., p. 508)—Continued.

MAINTENANCE, REPAIR, AND OPERATION—Continued.

Bureau, division, or office.	Horse-drawn or motor-propelled.	Appropriation.	Number.	Description.	Amount.	Public purpose for which intended.	Officials and employees by whom used.
Forest Service.....	Motor-propelled.	General expenses, Forest Service.	26	Railroad speeders.	\$1,125	Forest-fire protection on the Kootenai, Cabinet, Pend Oreille, Coeur d'Alene, Lewis and Clark, Deerlodge, Flathead, Jefferson, Lolo, Targhee, Shasta, Snoqualmie, Cascade, Colville, and Olympic National Forests.	Forest rangers or fire patrolmen.
Do.....	do.....	Land classification....	1	Automobile....	440	Used in land classification work on national forests in California.	Forest officers engaged in land classification work.
Do.....	do.....	General expenses, Forest Service.	1	Automobile with flanged wheels for railroad.	75	Forest-fire protection and carrying fire-fighting crews and equipment on Sierra National Forest.	Forest rangers, patrolmen and fire fighters.
Do.....	do.....	do.....	22	Motor boats....	1,540	Forest-fire protection on Kaniksu, Pend Oreille, Coeur d'Alene, Missoula, Bridger, Superior, Minnesota, Tonto, Tahoe, Wenatchee, Shuslaw, Olympic, Crater, Chelan, Madison, and Columbia National Forests.	Forest rangers and patrolmen.
Do.....	do.....	do.....	1	Motor boat....	375	General administration on Florida National Forest.	Forest supervisor and forest rangers.
Do.....	do.....	do.....	2	Seagoing motor launches.	6,450	General administration on Tongass National Forest, Alaska.	Do.
Do.....	do.....	do.....	3	Coastwise motor launches.	1,200	Forest-fire protection and general administration on Tongass National Forest, Alaska.	Forest rangers and forest guards.
Do.....	do.....	do.....	2	Evenrude motor tenders.	20	Used in connection with seagoing motor boats in general administration on Tongass National Forest, Alaska.	Forest supervisor and forest rangers and employees on Government-owned seagoing motor boats.
Do.....	do.....	do.....	1	Seagoing motor launch.	2,700	General administration on Chugach National Forest, Alaska.	Forest supervisor and forest ranger.
Do.....	do.....	do.....	1	Motor boat....	100	Forest-fire protection on Chugach National Forest, Alaska.	Forest ranger.
Bureau of Chemistry.	do.....	Enforcement of the food and drugs act.	1	Motor truck....	500	For carrying workers and equipment to orange groves which can not be conveniently reached by railroads; also for hauling samples of oranges from groves to laboratory or temporary headquarters.	E. M. Chace.
Bureau of Entomology.	do.....	Cereal and forage insects.	1	Automobile....	225	For use at Wellington, Kans., in collecting data, and supervising investigational work in that vicinity.	E. O. G. Kelly.
Do.....	do.....	do.....	1	Motorcycle....	15	For use at Forest Grove, Wash., where railway transportation facilities are unusually poor, in connection with investigations of insects affecting clover seed, alfalfa, etc.	C. W. Creel.
Do.....	do.....	do.....	1	do.....	75	For use at Maxwell, N. Mex., where the country is sparsely settled, in conducting investigations at ranches in the vicinity.	D. J. Caffrey.
Do.....	do.....	do.....	1	do.....	85	For use at Nashville, Tenn., in connection with collection of data, carrying supplies, etc.	G. G. Ainslie.
Do.....	do.....	do.....	1	do.....	85	For use at Tempe, Ariz., for the purpose of carrying on investigations among the ranches in the vicinity.	V. L. Wildermuth.
Do.....	do.....	do.....	1	do.....	30	For use at Pasadena, Cal., in connection with investigations of alfalfa insects.	T. D. Urbahns.
Do.....	do.....	do.....	1	do.....	65	For use at Greenwood, Miss., in connection with collection of data and investigations of the fall army worm.	C. F. Turner.
Do.....	do.....	Deciduous fruit insects	1	Automobile....	225	For use at Pemberton, N. J., in making investigations in large territories, and transporting Government property used in cranberry investigations over territory of sandy soil.	H. B. Scammell.
Do.....	do.....	do.....	1	Motorcycle....	50	For use at Winthrop, Me., for inspecting experimental work with orchard and miscellaneous insecticides at various points in the vicinity.	F. L. Simanton.
Do.....	do.....	do.....	1	do.....	60	For use at Winchester, Va., in connection with peach insect investigations.	E. B. Blakeslee.
Do.....	do.....	do.....	1	do.....	25	For use at Grand Junction, Colo., in investigations of the codling moth.	E. H. Siegler.
Do.....	do.....	do.....	1	do.....	95	For use at Roswell, N. Mex., in connection with spraying experiments at that place.	E. W. Geyer.
Do.....	do.....	do.....	1	do.....	50	For use at Westchester, Pa., in connection with collection of data and investigations of deciduous fruit insects.	A. J. Ackerman.
Do.....	do.....	Southern field crop insects.	1	Automobile....	150	For use at Clarksville, Tenn., in connection with investigations of southern field-crop insects, for collection of data, and reaching points in the vicinity where experiments are being carried on.	A. C. Morgan.
Do.....	do.....	do.....	1	do.....	250	For use at Tallulah, La., in supervising experimental operations on numerous plantations in the vicinity.	B. R. Coad.
Do.....	do.....	do.....	1	do.....	275	For use at Florence, Mont., in connection with investigations of various ticks and other insects affecting the health of animals.	H. P. Wood.
Do.....	do.....	do.....	1	Motorcycle....	15	For use at Dallas, Tex., in connection with investigations of insects affecting the health of man and animals.	F. C. Bishopp.
Do.....	do.....	do.....	1	do.....	65	For use at Tallulah, La., in supervising experimental operations on various plantations, inaccessible by railway, when it is impracticable to use the automobile at this station.	B. R. Coad.
Do.....	do.....	Tropical and subtropical fruit insects.	1	do.....	60	For use at New Orleans, La., in connection with investigations of citrus-fruit insects; for collecting experimental data, etc., at various near-by groves.	J. R. Horton.
Do.....	do.....	do.....	1	do.....	100	For use at Pasadena, Cal., in connection with work at selected groves in which spraying experiments are being carried on against citrus-fruit insects.	R. S. Woglum.
Do.....	do.....	Tree-crop insects....	1	do.....	65	For use at Hart, Mich., in inspecting the large commercial plantings of peas in connection with spraying investigations against the pea aphid.	F. A. Johnston.

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles and motor boats for the Department of Agriculture for the fiscal year ending June 30, 1917, as required by section 5 of the act of July 16, 1914 (38 Stat., p. 508)—Continued.

MAINTENANCE, REPAIR, AND OPERATION—Continued.

Bureau, division, or office.	Horse-drawn or motor-propelled.	Appropriation.	Number.	Description.	Amount.	Public purpose for which intended.	Officials and employees by whom used.
Bureau of Entomology.	Motor-propelled.	Truck-crop insects....	1	Motorcycle...	\$75	For use at Pasadena, Cal., in connection with investigations of potato insects.	J. E. Graf.
Do.....	.....do.....	.....do.....	1	.....do.....	25	For use at Rocky Ford, Colo., in connection with sugar-beet insect investigations.	H. O. Marsh.
Do.....	.....do.....	.....do.....	1	.....do.....	30	For use at Wichita, Kans., for the purpose of collecting data, and for carrying on investigations of the Argentine corn weevil.	F. B. Milliken.
Do.....	.....do.....	.....do.....	1	.....do.....	40	For use at Spreckels, Cal., in connection with sugar-beet insect investigations.	C. F. Stahl.
Do.....	.....do.....	Preventing spread of moths.	1	Automobile...	750	Supervising scouting and extermination work and transferring men and equipment from place to place in territory where there are no transportation facilities or where parties of men would be compelled to make long round-about railroad journeys in order to reach new locations.	Agent in charge of scouting and extermination work, and principal assistants.
Do.....	.....do.....	.....do.....	4	Automobiles...	1,600	Supervising and directing laboratory, scouting, quarantine, and silvicultural work, in colonizing parasites, and in making immediate inspection of perishable nursery stock upon telegraphic or telephonic request at nurseries located in the infested area.	The principal assistants in charge of investigation; scientific assistants, foremen, and scouts acting under their supervision and direction.
Do.....	.....do.....	.....do.....	26	Motorcycles...	2,340	Collecting insects, parasitized material, and food plants to be used in experimental work, determining spread of parasites and natural enemies in the field, scouting new territory, directing operations of field parties engaged in scouting and extermination work.	Scientific assistants, gipsy moth assistants, foremen, scouts, and scout inspectors.
Do.....	.....do.....	.....do.....	1	Automobile ¹ ...	250	To be used in necessary field work at Tempe, Ariz.	V. L. Wildermuth, in charge, and other members of his force.
Bureau of Biological Survey.	.....do.....	Maintenance of mammal and bird reservations.	1	Motor boat....	250	Patrolling Klamath Lake Bird Reservation, Oreg.	Warden in charge of Klamath Lake Bird Reservation, Oreg.
Do.....	.....do.....	.....do.....	1	Motorcycle....	100	Patrolling Malheur Lake Bird Reservation, Oreg.	Warden in charge of Malheur Lake Bird Reservation, Oreg.
States Relations Service.	.....do.....	Porto Rico Experiment Station.	1	Automobile...	300	Transporting station specialists to cooperative work over the island.	Agronomist in charge and assistants.
Do.....	Horse-drawn....	Hawaii Experiment Station..	1	One-horse buggy.	200	Inspecting experimental plats, securing mail and express, collecting samples, conducting extension work, etc.	Do.
Do.....	.....do.....	Guam Experiment Station.	1	.....do.....	150	Securing mail and supplies, inspecting experimental plats, supervising cooperative work, etc.	Do.
Do.....	.....do.....	Porto Rico Experiment Station.	1	Two-horse light wagon.	200	Securing mail and supplies, inspecting experimental plats, collecting samples, etc.	Do.
Office of Public Roads and Rural Engineering.	Motor-propelled.	Road building and maintenance investigations.	5	Automobiles...	2,500	Used in connection with personal supervision and inspection of construction work in progress demanding the close and more or less continuous presence of a representative of the Office of Public Roads and Rural Engineering. These machines are used only where the length of a construction project is so great as to make it practically impossible for an engineer to inspect the entire work expeditiously by any other means.	Highway engineers engaged on construction work.
Total.....	.....do.....	.....do.....	.....do.....	.....do.....	45,887		

¹ Not owned by the Department of Agriculture.

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles and motor boats for the Department of Agriculture for the fiscal year ending June 30, 1917, as required by section 5 of the act of July 16, 1914 (38 Stat., p. 508)—Continued.

TO BE PURCHASED.

Bureau, division, or office.	Horse-drawn or motor-propelled.	Appropriation.	Number.	Description.	Amount.	Maintenance, repair, and operation.	Public purpose for which intended.	Officials and employees by whom used.
Bureau of Animal Industry.	Motor-propelled.	Inspection and quarantine.	1	Automobile...	\$475	\$500	Used to inspect cattle imported along the Canadian border.	Veterinarian stationed at Pembina, N. Dak.
Do.	do.	do.	1	do.	500	500	Used in inspecting sheep and cattle for interstate movement.	Veterinarian stationed at Lamar, Colo.
Bureau of Plant Industry.	do.	Demonstrations on reclamation projects.	5	Automobiles.	1,950	1,575	For transporting agriculturists from farm to farm conducting demonstration work with farmers.	Agriculturists in charge of demonstrations on the Teton, Unatilla, Uncompahgre, Belle Fourche, and Lower Yellowstone reclamation projects.
Forest Service.	do.	General expenses, Forest Service.	1	Motorcycle.	335	85	Fire patrol on Crook National Forest.	Forest rangers and patrolmen.
Do.	do.	do.	1	do.	335	65	Fire patrol on Harney National Forest.	Do.
Do.	do.	do.	1	do.	335	60	Fire patrol on Pend Oreille National Forest.	Do.
Do.	do.	do.	1	Sea-going motor launch.	3,500	950	Fire protection and general administration on Chugach National Forest, Alaska.	Forest supervisor and forest rangers.
Do.	do.	do.	1	do. ¹	800	900	Fire protection and fire suppression on Chugach National Forest.	Forest rangers, fire guards, and fire fighters.
Office of Public Roads and Rural Engineering.	do.	Road building and maintenance investigations.	6	Automobiles ¹ .	6	3,000	Used in connection with personal supervision and inspection of construction work in progress demanding the close and more or less continuous presence of a representative of the Office of Public Roads and Rural Engineering. These machines are used only where the length of a construction project is so great as to make it practically impossible for an engineer to inspect the entire work expeditiously by any other means.	Highway engineers engaged on construction work.
Committee on Live-Stock Investigations.	Horse-drawn.	Experiments and demonstrations in live-stock production.	1	Buggy or buckboard.	100		Travel between farm and railroad station at New Iberia, La.	C. E. Mauldin, in charge of station, and employees under his supervision.
Total.					8,336	7,635		

¹ To be hired by the Department of Agriculture.

SUMMARY.

Bureau, division, or office.	Motor-propelled vehicles.			Horse-drawn vehicles.			Total for purchase.	Total for maintenance, repair, and operation.	Bureau, division, or office totals.
	For purchase.	For maintenance, repair, and operation.	Total.	For purchase.	For maintenance, repair, and operation.	Total.			
Office of Farm Management.		\$150.00	\$150.00					\$150.00	\$150.00
Weather Bureau.		100.00	100.00					100.00	100.00
Bureau of Animal Industry.	\$975.00	16,255.00	17,230.00					16,505.00	17,480.00
Bureau of Plant Industry.	1,950.00	4,060.00	6,010.00		\$250.00	\$250.00	\$975.00	5,080.00	7,030.00
Forest Service.	5,305.00	17,312.00	22,617.00		1,020.00	1,020.00	1,950.00	17,312.00	22,617.00
Bureau of Chemistry.		500.00	500.00					500.00	500.00
Bureau of Entomology.		7,175.00	7,175.00					7,175.00	7,175.00
Bureau of Biological Survey.		350.00	350.00					350.00	350.00
States Relations Service.		300.00	300.00		550.00	550.00		850.00	850.00
Office of Public Roads and Rural Engineering.	6.00	5,500.00	5,506.00				6.00	5,500.00	5,506.00
Committee on Live-Stock Investigations.				\$100.00		100.00	100.00		100.00
Total.	8,236.00	51,702.00	59,938.00	100.00	1,820.00	1,920.00	8,336.00	53,522.00	61,858.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Eradication of Foot-and-Mouth and Other Contagious Diseases of Animals—</i>		
<p>(6) In case of an emergency arising out of the existence of foot-and-mouth disease, rinderpest, contagious pleuropneumonia, or other contagious or infectious disease of animals which, in the opinion of the Secretary of Agriculture, threatens the live-stock industry of the country, he may expend in the city of Washington or elsewhere, out of any money in the Treasury not otherwise appropriated, the sum of \$2,500,000, which sum is hereby appropriated, or so much thereof as he determines to be necessary, in the arrest and eradication of any such disease, including the payment of claims growing out of past and future purchases and destruction, in cooperation with the States of animals affected by or exposed to, or of materials contaminated by or exposed to, any such disease, wherever found and irrespective of ownership, under like or substantially similar circumstances, when such owner has complied with all quarantine regulations, and said sum shall be immediately available for the purposes specified: <i>Provided</i>, That the Secretary of Agriculture is authorized to pay not more than one-half of the expenses incurred by the owners of a certain herd of show cattle now in quarantine at Hawthorne Park, near Chicago, Ill., such expenses being incident to and on account of the quarantine of such cattle by the Government, but the total expense shall not exceed one-half the beef or dairy value of such cattle. <i>Provided</i>, That the payment for animals hereafter purchased may be made on appraisement based on the beef, dairy, or breeding value: <i>Provided further</i>, That in case of appraisement based on breeding value no payment for any animal shall exceed three times the beef or dairy value (act Mar. 4, 1915, vol. 38, p. 1115, sec. 1) -----</p>	\$2,500,000.00	\$2,500,000.00
<p>Deficiency for 1915..... \$2,500,000 Appropriations for 1916..... 2,500,000 Estimates for 1917..... \$2,500,000</p>		
<p>NOTE.—The proviso relating to the payment of expenses incident to the quarantine of cattle at Hawthorne Park is omitted. These expenses will be paid from the appropriation for the fiscal year 1916.</p> <p>New language has been added to the effect that payment for animals hereafter purchased for slaughter may be made on appraisements based on the beef, dairy, or breeding value, with the limitation that in case of appraisement based on breeding value no payment shall exceed three times the beef or dairy value. Breeding value should be taken into consideration on the broad ground of equity and practical expediency. A fair return to owners undoubtedly would insure their cooperation with Federal and State authorities. In this connection it is of the utmost importance that prompt action be taken. A maximum limit also would tend to quick settlement. Under such a plan the requisite care would be taken by the Department and undoubtedly proper appraisements would be made.</p> <p>[The unexpended balance on June 30, 1914, remaining to the credit of the appropriation authorized in the Agricultural appropriation act approved Mar. 4, 1913, for the expenses of a commission to investigate and report to Congress on European cooperative land-mortgage banks and rural credit unions, is hereby appropriated and made available for the fiscal years 1915 and 1916, including expenses incurred since the end of the fiscal year 1914, for the purposes set forth in said act, to be paid out on the audit and order of the chairman of said commission; and such audit and order shall be conclusive and binding upon all departments as to the correctness of the accounts of such commission under this appropriation, and under the appropriation made for the fiscal year 1914.]</p> <p>NOTE.—The above paragraph is omitted as the legislation thereunder expires by limitation at the close of the fiscal year 1916.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<p>¶The N. $\frac{1}{2}$ of S. $\frac{1}{2}$ sec. 19, T. 2 N., R. 11 W., Indian meridian, Oklahoma, formerly a part of the Kiowa, Comanche, and Apache Indian Reservation, is hereby set aside for use of the Department of Agriculture for a dry-farming or subhumid station; and the sum of \$200 is hereby appropriated to pay the Indians therefor, which sum shall be placed on deposit in the Treasury of the United States to the credit of the fund "Interest on Apache, Kiowa, and Comanche 4 per cent fund benefits" ¶</p>		\$200. 00
<p>NOTE.—The above paragraph is omitted as the legislation directed thereunder will be accomplished during the fiscal year 1916.</p>		
<p>¶That there is hereby constituted a joint committee of the Senate and House of Representatives, to consist of the chairman of the Senate Committee on Agriculture and Forestry, the chairman of the House Committee on Agriculture, and the chairmen of the Committees on Banking and Currency of the two Houses, and two other members of each of said committees, to be designated by the chairmen of the respective committees, and it shall be the duty of said joint committee to prepare, after such investigations as may be deemed necessary, and report to the Congress on or before Jan. 1, 1916, a bill or bills providing for the establishment of a system of rural credits adapted to American needs and conditions. The sum of \$10,000 is hereby appropriated, the same to be immediately available, out of any funds in the Treasury not otherwise appropriated, to defray all necessary expenses of said joint committee, payment of said expenses to be made upon vouchers approved by the chairman of said joint committee, who shall be selected by the committee ¶</p>		10, 000. 00
<p>NOTE.—The above paragraph is omitted, as the legislation thereunder expires by limitation at the close of the fiscal year 1916.</p>		
<p>(7) <i>Officers and employees of the Department of Agriculture traveling on official business, when authorized by the Secretary of Agriculture to receive per diem allowances in lieu of subsistence, in accordance with sec. 13 of the act of Aug. 1, 1914 (Public, No. 161, 63d Cong.), shall receive such allowances from each lump-sum appropriation provided for herein and made available for travel expenses, at rates of \$1, \$1.50, \$2, \$2.50, \$3, \$3.50, or \$4, varying with the character of work to be performed and the section of the country to be visited.</i></p>		
<p>NOTE.—The above paragraph is submitted in accordance with sec. 13 of the act of Aug. 1, 1914 (Public, No. 161, 63d Cong.).</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>Maps, Charts, and Reports to Trace Shifting of Agricultural Industries—</i>		
(8) <i>To enable the Secretary of Agriculture to print and publish certain maps and charts and reports accompanying the same, heretofore prepared and being prepared by the Department of Agriculture, which trace the shifting of agricultural industries as influenced by geographic and economic conditions and show the forces which have caused the changes in production of the principal crops and the development or decline of various types of farming and farm organizations and enterprises (submitted) -----</i>	\$15, 000. 00 -----	
Appropriations for 1916..... \$..... Estimates for 1917..... \$15,000		
NOTE.—It is proposed to embody these maps, charts, and reports in an "agricultural atlas." This publication will visualize all the crops, even the minor ones, and will show the production and the reasons for or basis of the changes in the production and development of agriculture. It will also show the geography of the production for each census year since the first agricultural census of 1840, with texts and graphs explaining briefly the factors which have directed the development of the industry and caused the shifts. It is impossible to understand the present geography of wheat production, for instance, without a knowledge of the past, the centers of production in 1850 being quite different from those of to-day. But the passing of the frontier, with its gradient in land values, and the accumulation of reliable climatic records, soil surveys, etc., permits now, for the first time, estimates of the influence of the various geographic factors. This study of geographic influences in the light of historical development is basic not only to the investigation of farm-management problems but also to a general understanding of the agriculture of the United States. The atlas is based not only on the 1910 census but on previous censuses and upon all other available data, including that collected by the Bureau of Crop Estimates, the Office of Farm Management, the Bureau of Plant Industry, the Weather Bureau, Bureau of Soils, Forest Service, etc. One purpose of the atlas is to picture the geography of agriculture in the United States by correlating all available statistics and presenting them in the form of maps and graphs. Tables of statistics do not visualize readily nor afford comparison with geographic conditions. The principal aim, however, is not simply to visualize these statistics but to exhibit graphically the interrelation of geographic with economic forces in directing the development of farm enterprises. This atlas seems to be the only logical outlet for a great amount of work which is being done along this line and undoubtedly will be of value to many people who are interested in such studies, especially farmers, teachers, economists, and others.		
<i>Experiments in Dairying and Live-Stock Production in Semiarid and Irrigated Districts of the Western United States—</i>		
(9) <i>To enable the Secretary of Agriculture to conduct investigations and experiments in problems connected with the establishment of dairying and meat production enterprises on the semiarid and irrigated lands of the Western United States, including the purchase of live stock, the erection of barns and other necessary buildings, and the employment of necessary persons and means in the city of Washington and elsewhere (submitted) -----</i>	87, 500. 00 -----	
Appropriations for 1916..... \$..... Estimates for 1917..... \$87,500		
NOTE.—The field stations of the Bureau of Plant Industry in the semiarid and irrigated districts of the United States in the past have been devoting attention almost entirely to investigations bearing on crop production. Methods have been developed at these stations and in the regions where they are located that make possible the production of forage crops and grains, but such crops are not marketable to advantage because in most cases there are no near-by cities and there is little demand for them in the immediate neighborhood. A profitable utilization of these crops on the farm and the development of an economically sound diversification of agriculture is therefore essential to permanently successful farming in these regions. For this reason and with the view of utilizing the natural grazing areas that are available it is desirable to encourage live-stock production. The department proposes to undertake investigations and experiments at several of the field stations looking to the establishment of proper methods of feeding with the object of profitably disposing of field crops through the development of a live-stock industry as a feature of dry-land and irrigated agriculture. Attention will be given both to dairying and meat production and the stations will thus serve as guides to the farmers not only in crop production but also in the profitable utilization and disposal of these crops through the production of live stock.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.
<i>State Cooperation in Marketing Work—</i>		
(10) <i>To enable the Secretary of Agriculture to cooperate with the several States in the employment of agents to acquire and diffuse useful information connected with the distribution and marketing of farm products through investigational, demonstrational, or extension methods (submitted)-----</i>	\$35, 000.00	-----
Appropriations for 1916..... \$----- Estimates for 1917..... \$35,000		
<p>NOTE.—Under this item, it is proposed to employ market advisers and other assistants in cooperation with the States which appropriate money for marketing purposes. A number of States, including Georgia, Arkansas, Oklahoma, South Carolina, Tennessee, and Oregon, have made suggestions that work of this character be undertaken. In most cases, however, it was proposed to use Lever extension funds for the States' portion of the expenses, which would limit the activities of the market advisers primarily to extension work or teaching and make it impossible for the department to utilize their services in connection with market news work and city market-survey work. With a special fund at its disposal the department would be in position to cooperate with a number of States in employing men who could devote a part of their time to the investigation of marketing problems and a part to the dissemination of available information. It is believed that, if funds were available for the department to participate in the support of such men, a number of the States would make provision to bear a portion of the expense. In this way there could be built up with comparative rapidity a very effective working force, the activities of which could be coordinated through the Office of Markets and Rural Organization. The services of 20 men could be utilized during the next fiscal year, and it is estimated that \$1,500 will cover the department's share of the salary and traveling expenses of each man. Five thousand dollars is also needed to cover traveling expenses of the persons assigned to select the men, to supervise the work, and to coordinate the activities of the several State agents employed.</p>		
Total salaries, Department of Agriculture-----	5,276,230.00	\$4,894,210.00
Total general expenses, Department of Agriculture-----	18,882,859.00	18,077,572.00
Grand total, Department of Agriculture (increase \$1,187,307)-----	24,159,089.00	22,971,782.00
<p>Total appropriations included in the Agricultural appropriation act:</p> <p>For the fiscal year 1907..... \$9,932,940</p> <p>For the fiscal year 1908..... 9,447,290</p> <p>For the fiscal year 1909..... 11,672,106</p> <p>For the fiscal year 1910..... 12,995,036</p> <p>For the fiscal year 1911..... 13,487,636</p> <p>For the fiscal year 1912..... 16,900,016</p> <p>For the fiscal year 1913..... 16,651,496</p> <p>For the fiscal year 1914..... 17,986,945</p> <p>For the fiscal year 1915..... 19,865,832</p> <p>For the fiscal year 1916..... 22,971,782</p>	<p>Total amount submitted in printed estimates for inclusion in the Agricultural appropriation bill:</p> <p>For the fiscal year 1908..... \$7,954,680</p> <p>For the fiscal year 1909..... 10,666,351</p> <p>For the fiscal year 1910..... 14,610,626</p> <p>For the fiscal year 1911..... 13,377,136</p> <p>For the fiscal year 1912..... 15,997,066</p> <p>For the fiscal year 1913..... 17,233,452</p> <p>For the fiscal year 1914..... 18,287,230</p> <p>For the fiscal year 1915..... 19,061,332</p> <p>For the fiscal year 1916..... 20,706,013</p> <p>For the fiscal year 1917..... 24,159,089</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.	Amount appropriated for the fiscal year ending June 30, 1915.
PERMANENT ANNUAL APPROPRIATIONS.			
(1) <i>Meat Inspection, Bureau of Animal Industry—</i>			
That there is permanently appropriated, out of any money in the Treasury not otherwise appropriated, the sum of \$3,000,000, for the expenses of the inspection of cattle, sheep, swine, and goats, and the meat and meat-food products thereof which enter into interstate or foreign commerce, and for all expenses necessary to carry into effect the provisions of this act relating to meat inspection, including rent and the employment of labor in Washington and elsewhere, for each year. And the Secretary of Agriculture shall, in his annual estimates made to Congress, submit a statement in detail, showing the number of persons employed in such inspections and the salary or per diem paid to each, together with the contingent expenses of such inspectors and where they have been and are employed (<i>act June 30, 1906, vol. 34, pp. 674-679, secs. 1-22</i>) -----	\$3,000,000.00	\$3,000,000.00	\$3,184,677.69
NOTE.—The detailed statement required by law will be submitted to Congress in a separate communication.			
(2) <i>Refund to Depositors Excess of Deposits, National Forests Fund—</i>			
That all money received after July 1, 1907, by or on account of the Forest Service for timber, or from any other source of forest-reservation revenue, shall be covered into the Treasury of the United States as a miscellaneous receipt; and there is hereby appropriated and made available as the Secretary of Agriculture may direct, out of any funds in the Treasury not otherwise appropriated, so much as may be necessary to make refunds to depositors of money heretofore or hereafter deposited by them to secure the purchase price on the sale of any products or for the use of any land or resources of the national forests in excess of amounts found actually due from them to the United States.			
(3) That so much of an act entitled "An act making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1908," approved Mar. 4, 1907 (34 Stat. L., pp. 1256, 1270), which provides for refunds by the Secretary of Agriculture to depositors of moneys to secure the purchase price of timber or the use of lands or resources of the national forests such sums as may be found to be in excess of the amounts found actually due the United States, be, and is hereby, amended hereafter to appropriate and to include so much as may be necessary to refund or pay over to the rightful claimants such sums as may be found by the Secretary of Agriculture to have been erroneously collected for the use of any lands, or for timber or other resources sold from lands located within, but not a part of, the national forests, or for alleged illegal acts done upon such lands, which acts are subsequently found to have been proper and legal; and the Secretary of Agriculture shall make annual report to Congress of the amounts refunded hereunder (<i>acts Mar. 4, 1907, vol. 34, pp. 1256, 1270, sec. 1; Mar. 4, 1911, vol. 36, p. 1253, sec. 1</i>) -----	50,000.00	50,000.00	58,174.77

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.	Amount appropriated for the fiscal year ending June 30, 1915.
(4) <i>Acquisition of Lands for Protection of Watersheds of Navigable Streams—</i>			
That there is hereby appropriated, for the fiscal year ending June 30, 1910, the sum of \$1,000,000, and for each fiscal year thereafter a sum not to exceed \$2,000,000, for use in the examination, survey, and acquirement of lands located on the headwaters of navigable streams or those which are being or which may be developed for navigable purposes: <i>Provided</i> , That the provisions of this section shall expire by limitation on the 30th day of June, 1915 (<i>act Mar. 1, 1911, vol. 36, p. 961, sec. 3</i>) -----			\$1,138,094.51
(5) <i>National Forest Reservation Commission—</i>			
That a sum sufficient to pay the necessary expenses of the commission and its members, not to exceed an annual expenditure of \$25,000, is hereby appropriated out of any money in the Treasury not otherwise appropriated. Said appropriation shall be immediately available and shall be paid out on the audit and order of the president of the said commission, which audit and order shall be conclusive and binding upon all departments as to the correctness of the accounts of said commission (<i>act Mar. 1, 1911, vol. 36, p. 963, sec. 14</i>) -----	\$25, 000. 00	\$25, 000. 00	325. 30
(6) <i>Cooperative Agricultural Extension Work—</i>			
That for the purpose of paying the expenses of said cooperative agricultural extension work and the necessary printing and distributing of information in connection with the same, there is permanently appropriated, out of any money in the Treasury not otherwise appropriated, the sum of \$480,000 for each year, \$10,000 of which shall be paid annually, in the manner herein-after provided, to each State which shall by action of its legislature assent to the provisions of this act: <i>Provided</i> , That payment of such installments of the appropriation hereinbefore made as shall become due to any State before the adjournment of the regular session of the legislature meeting next after the passage of this act may, in the absence of prior legislative assent, be made upon the assent of the governor thereof, duly certified to the Secretary of the Treasury: <i>Provided further</i> , That there is also appropriated an additional sum of \$600,000 for the fiscal year following that in which the foregoing appropriation first becomes available, and for each year thereafter for seven years a sum exceeding by \$500,000 the sum appropriated for each preceding year, and for each year thereafter there is permanently appropriated for each year the sum of \$4,100,000 in addition to the sum of \$480,000 hereinbefore provided: <i>Provided further</i> , That before the funds herein appropriated shall become available to any college for any fiscal year plans for the work to be carried on under this act shall be submitted by the proper officials of each college and approved by the Secretary of Agriculture. Such additional sums shall be used only for the purposes hereinbefore stated, and shall be allotted annually to each State by the Secretary of Agriculture and paid in the manner hereinbefore provided, in the proportion which the rural population of each			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Cooperative Agricultural Extension Work—Continued.</i>			
State bears to the total rural population of all the States as determined by the next preceding Federal census: <i>Provided further</i> , That no payment out of the additional appropriations herein provided shall be made in any year to any State until an equal sum has been appropriated for that year by the legislature of such State, or provided by State, county, college, local authority, or individual contributions from within the State, for the maintenance of the cooperative agricultural extension work provided for in this act (<i>act May 8, 1914, vol. 38, p. 373, sec. 3</i>) -----	\$1,580,000.00	\$1,080,000.00	\$480,000.00
<i>Special Funds.</i>			
(7) <i>Payment to States and Territories from the National Forests Fund—</i>			
That hereafter 25 per cent of all money received from each forest reserve during any fiscal year, including the year ending June 30, 1908, shall be paid at the end thereof by the Secretary of the Treasury to the State or Territory in which said reserve is situated, to be expended as the State or Territorial legislature may prescribe for the benefit of the public schools and public roads of the county or counties in which the forest reserve is situated: <i>Provided</i> , That when any forest reserve is in more than one State or Territory or county the distributive share to each from the proceeds of said reserve shall be proportional to its area therein (<i>acts Mar. 4, 1907, vol. 34, p. 1270, sec. 1; May 23, 1908, vol. 35, p. 260, sec. 1</i>) -----			
That 5 per cent of all moneys received during any fiscal year from each national forest into which the lands acquired under this act may from time to time be divided shall be paid, at the end of such year, by the Secretary of the Treasury to the State in which such national forest is situated, to be expended as the State legislature may prescribe for the benefit of the public schools and public roads of the county or counties in which such national forest is situated: <i>Provided</i> , That when any national forest is in more than one State or county the distributive share to each from the proceeds of such forest shall be proportional to its area therein: <i>Provided further</i> , That there shall not be paid to any State for any county an amount equal to more than 40 per cent of the total income of such county from all other sources (<i>act Mar. 1, 1911, vol. 36, p. 963, sec. 13</i>) -----	625,000.00	610,797.75	630,436.92
That sec. 13 of the act entitled "An act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," approved Mar. 1, 1911 (36 Stat. L., 963), is hereby amended by striking out the word "five" in the first line of said section and inserting in lieu thereof the word "twenty-five" (<i>act June 30, 1914, vol. 38, p. 441, sec. 1</i>) -----			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.	Amount appropriated for the fiscal year ending June 30, 1915.
(8) <i>Cooperative Work, Forest Service—</i>			
Hereafter all moneys received as contributions toward cooperative work in forest investigations shall be covered into the Treasury and shall constitute a special fund, which is hereby appropriated and made available until expended, as the Secretary of Agriculture may direct, for the payment of the expenses of said investigations by the Forest Service and for refunds to the contributors of amounts heretofore or hereafter paid in by them in excess of their share of the cost of said investigations (<i>acts Mar. 3, 1905, vol. 33, p. 1070, sec. 1; June 30, 1906, vol. 34, p. 684, sec. 1</i>) -----			
(9) That hereafter all moneys received as contributions toward cooperative work in forest investigations, or the protection and improvement of the national forests, shall be covered into the Treasury and shall constitute a special fund, which is hereby appropriated and made available until expended, as the Secretary of Agriculture may direct, for the payment of the expenses of said investigations, protection, or improvements by the Forest Service, and for refunds to the contributors of amounts heretofore or hereafter paid in by them in excess of their share of the cost of said investigations, protection, or improvements: <i>Provided</i> , That annual report shall be made to Congress of all such moneys so received as contributions for such cooperative work (<i>act June 30, 1914, vol. 38, p. 430, sec. 1</i>) -----	\$35, 000. 00	\$35, 000. 00	\$10, 771. 29
(10) <i>Payments to School Funds, Arizona and New Mexico, National Forests Fund—</i>			
At the close of each fiscal year there shall be paid by the Secretary of the Treasury to the State, as income for its common-school fund, such proportion of the gross proceeds of all the national forests within said State as the area of lands hereby granted to said State for school purposes which are situated within said forest reserves, whether surveyed or unsurveyed, and for which no indemnity has been selected, may bear to the total area of all the national forests within said States (<i>act June 20, 1910, vol. 36, p. 557, sec. 1</i>) -----	45, 000. 00	38, 278. 33	40, 621. 52
(11) <i>Roads and Trails for States, National Forests Fund—</i>			
That hereafter an additional 10 per cent of all moneys received from the national forests during each fiscal year shall be available at the end thereof, to be expended by the Secretary of Agriculture for the construction and maintenance of roads and trails within the national forests in the States from which such proceeds are derived; but the Secretary of Agriculture may, whenever practicable, in the construction and maintenance of such roads, secure the cooperation or aid of the proper State or Territorial authorities in the furtherance of any system of highways of which such roads may be made a part (<i>act Mar. 4, 1913, vol. 37, p. 843, sec. 1</i>) --	244, 000. 00	244, 319. 10	209, 244. 03

Estimates of appropriations required for the service of the fiscal year ending June 30, 1917—Continued.

	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1916.	Amount appropriated for the fiscal year ending June 30, 1915.
(12) <i>Proceeds, Sale of Timber from Indian Lands, Uintah National Forest—</i> Indefinite appropriation of the proceeds from the sale of timber on Uintah National Forest; such sums as may be appropriated being available for transfer from this special fund to the Indian trust fund "Proceeds of Uintah and White River Ute lands," upon rendition from time to time of auditor's certificates of settlement calling for transfer (<i>act Mar. 3, 1905, vol. 33, p. 1070, sec. 1</i>)			
(13) <i>Agricultural Experiment Stations, Receipts from Sales</i> ¹ — Receipts from sales of products, Alaska (<i>act June 3, 1902, vol. 32, p. 302, sec. 1</i>)			
Receipts from sales of products, Hawaii (<i>same act</i>)			
Receipts from sales of products, Porto Rico (<i>same act</i>)	\$11, 000. 00	\$4, 801. 30	\$6, 612. 74
Receipts from sales of products, Guam (<i>act May 23, 1908, vol. 35, p. 266, sec. 1</i>)			
Total Permanent and Indefinite under Department of Agriculture	5,604,000. 00	5,088,196. 48	5,758,958. 77
PRINTING AND BINDING. [Carried in sundry civil act.]			
(14) For the Department of Agriculture, including not to exceed \$47,000 for the Weather Bureau, and including the Annual Report of the Secretary of Agriculture, as required by the act approved January twelfth, eighteen hundred and ninety-five, and in pursuance of the joint resolution numbered thirteen, approved March thirtieth, nineteen hundred and six, and also including not to exceed \$137,500 for farmers' bulletins, which shall be adapted to the interests of the people of the different sections of the country, an equal proportion of four-fifths of which shall be delivered to or sent out under the addressed franks furnished by Senators, Representatives, and Delegates in Congress, as they shall direct..	500, 000. 00	500, 000. 00	500, 000. 00

¹ These appropriations repealed by act of Mar. 4, 1915, vol. 38, p. 1109, sec. 1.

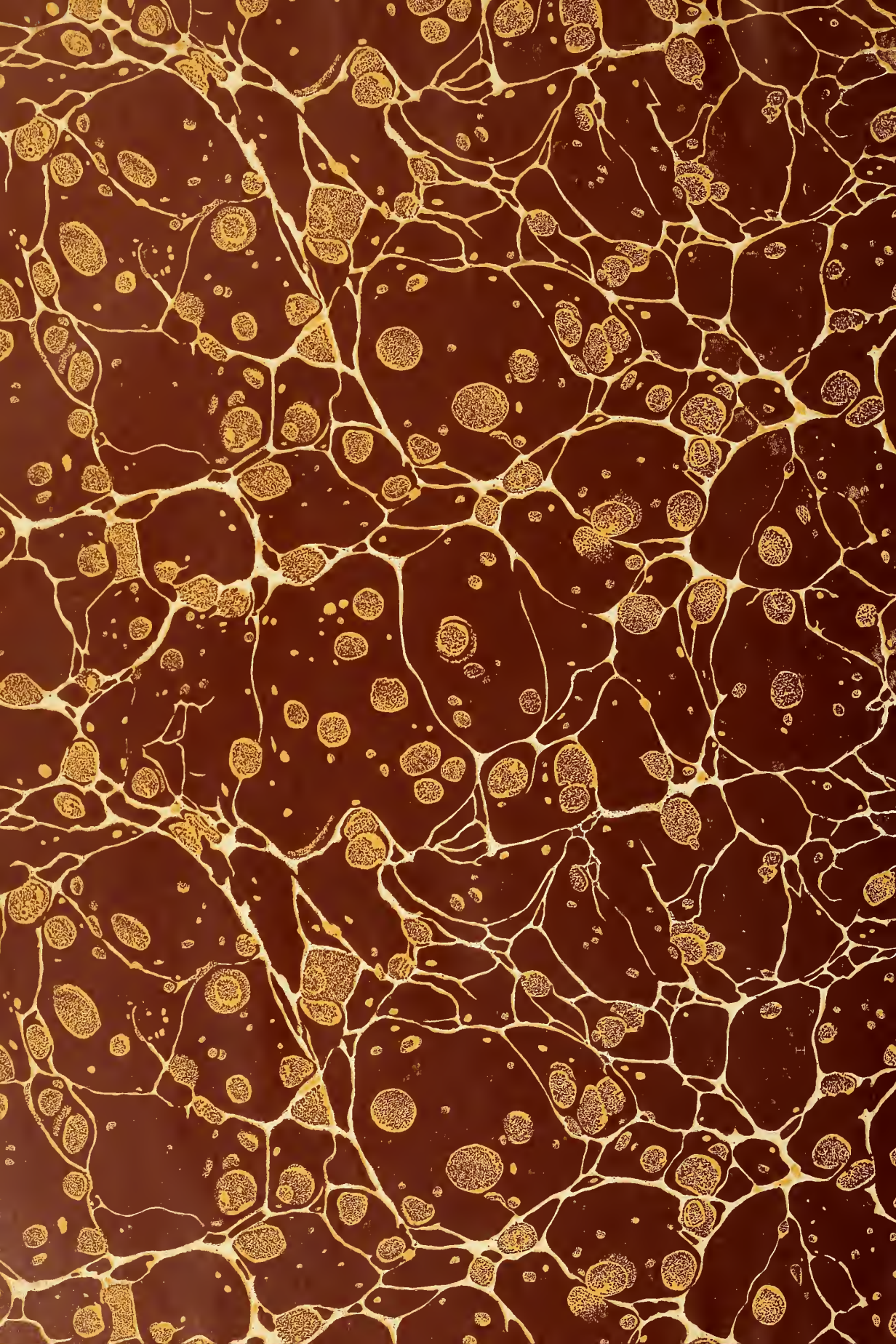
Total appropriations for the Department of Agriculture, including permanent annual appropriations, and printing and binding under sundry civil act:

For the fiscal year—

1907	\$13, 079, 523. 98
1908	13, 037, 802. 62
1909	16, 153, 534. 74
1910	17, 115, 410. 35
1911	20, 888, 449. 28
1912	22, 402, 301. 11
1913	25, 177, 164. 68
1914	24, 449, 824. 37
1915	26, 840, 434. 55
1916	28, 566, 182. 00







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